

# Carnegie Mellon University

## Summer Internship Experience Fund

### Summer 2018

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The CMU Summer Internship Experience Fund (SIEF) was available to current undergraduate students who were going to participate in low paying or un-paid internships located in the United States during the summer of 2018. The SIEF was designed to encourage early career experiences that would support students' academic goals and career exploration. The Career and Professional Development Center coordinated the dispersal of Carnegie Mellon institutional funds that had been set aside to enable students to have a high-impact summer experience.

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Below is a list of the 33 students who were able to participate in an internship thanks to this funding, and, on the following pages, reflection essays that these students have written about their experiences. Of these students, the SIEF was able to help 4 sophomores, 16 juniors, and 13 seniors.

## **COLLEGE OF ENGINEERING**

Sophia Eristoff	2019
Tiffaney Hsia	2020
Ashvi Patel	2019
Sanjana Shah	2021

## **DIETRICH COLLEGE**

Qianyi (Lucy) Chen	2020
Jacob Feldgoise	2021
Daniel Lee	2019
Amrutha Palaniyappan	2020
Terriann Zhu	2020

## **MELLON COLLEGE OF SCIENCE**

Odelia Cheng	2019
Jacob Silverman	2019

## **COLLEGE OF FINE ARTS**

Dina Chen	2019
Christopher Chene	2021
Claire Farrokh	2019
Ema Furusho	2020
Emily Gallagher	2019
Cassandra Howard	2021
Mark Ivachtchenko	2020
Carley Johnson	2020
Darya Kharabi	2020
Yelim Kim	2020
Hannah Manikowski	2020
Sophia Masterson	2020
Daniel Neale	2020
Ramsey Pack	2019
Cassidy Pearsall	2019
Victoriano Reyes	2019
Joseph Sandler	2019
Julien Sat-Vollhardt	2020
Evan Schild	2020
Anna Schulz	2019
Katherine Sharpless	2020
Alex Talbot	2020



**COLLEGE OF  
ENGINEERING**

## **SOPHIA ERISTOFF**

Materials Science and Biomedical Engineering, 2019  
Research Assistant

Columbia University  
New York, NY

### **How did this internship experience support your academic and career goals?**

It allowed me to delve into a new field that I had recently grown interest in, allowing me to further my knowledge and skill set.

### **Describe some of your roles and responsibilities as an intern.**

Devising protocols, fabricating microparticles, drug-loading microparticles, attending academic workshops, and presenting my work.

### **What is the most important thing you took away from this internship?**

Gave me a new project proposal/idea for my current applications for graduate school. My internship will greatly help my future career and will make the application process to graduate and doctoral programs so much easier than before I had this experience.

## **TIFFANEY HSIA**

Materials Science and Engineering, 2020  
Research Assistant

National Institute of Health  
Bethesda, MD

### **How did this internship experience support your academic and career goals?**

I am interested pursuing a career in the medical field. Being able to work on a clinical trial as well as shadow surgeons and attending doctors this summer has been extremely insightful as I prepare to apply for medical school.

### **Describe some of your roles and responsibilities as an intern.**

I was tasked with analyzing both qualitative and quantitative data and searching for correlations in the raw data.

### **What is the most important thing you took away from this internship?**

I have a much clearer idea of the type of medicine I want to specialize in as well as the degree I want to pursue.

## ASHVI PATEL

Biomedical Engineering, 2019  
Community Affairs Liaison

New York State Assembly  
Queens, NY

### **How did this internship experience support your academic and career goals?**

I want to go to Law School so I was able to write bills and interact with a lot of other lawyers and make new connections and relationships.

### **Describe some of your roles and responsibilities as an intern.**

I was on the events team so I planned many events and made sure the assembly members were prepped. I also campaigned and worked on bills.

### **What is the most important thing you took away from this internship?**

I was able to see how much work goes into public service jobs.

## SANJANA SHAH

Chemical and Biomedical Engineering, 2021  
Undergraduate Researcher

University of Pennsylvania  
Philadelphia, PA

### **How did this internship experience support your academic and career goals?**

I learned more than I thought was possible. My entire lab was focused on teaching me about the various aspects of the lab I learned how to apply knowledge I had learned from my science classes along with some of the basic fundamental lab techniques that I have only ever read about. Having previous lab experience has also allowed me to secure myself as an undergraduate researcher at Carnegie Mellon for the upcoming semester!

### **Describe some of your roles and responsibilities as an intern.**

I ran a project titled "RNA FISH." I was basically responsible for developing a protocol that would allow DNA probes to bind to the RNA molecules in a *C. elegans* embryo. I also was able to image these embryos to see whether my protocol worked or not. I would grow and cultivate the *C. elegans* worms and learn basic techniques on how to acquire further embryos to use for testing.

### **What is the most important thing you took away from this internship?**

My internship inspired a new project proposal for my current applications for graduate school. This will greatly help me when applying to various universities for a doctoral program.



**COLLEGE OF  
FINE ARTS**

## DINA CHEN

Architecture, 2019  
Designer

GrowSquares  
Brooklyn, NY

### **How did this internship experience support your academic and career goals?**

I have been seeking to transition into tech/design roles more than architectural though additional minors and classes. This internship was very important as a first step towards that direction in a professional setting.

### **Describe some of your roles and responsibilities as an intern.**

I was responsible for developing key design assets for primary launch of iOS application, brand, and physical product. I was tasked to ensure the visual quality and user experience of the application and delivered visual, informational, and motion graphics to marketing team.

### **What is the most important thing you took away from this internship?**

I learned more about my own personal values, gaining leverage in what I'm willing to give/take in the next job I have. I know how to better engage and interact with a variety of people. I now understand small businesses/startups, and the effort it takes to get off the ground.

## CHRISTOPHER CHENE

Drama, 2021  
Intern

BGB Studio  
North Hollywood, CA

### **How did this internship experience support your academic and career goals?**

This internship supported my academic goals by educating me upon the audition process in Los Angeles. This in turn supported my career goals by familiarizing myself with a process that determines my career.

### **Describe some of your roles and responsibilities as an intern.**

Some of my roles included ushering in and out actors for auditions, helping to prepare for auditions, prepare the room and camera equipment for auditions, classes, coaching sessions, and self-tapes, cleaning, answering phones, and help work on the studio's website.

### **What is the most important thing you took away from this internship?**

The most important thing I took away from this was gaining an understanding in the process of auditioning.

## CLAIRE FARROKH

Stage/Production, 2019  
Outdoor Stage Management

Colorado Shakespeare Festival  
Boulder, CO

### **How did this internship experience support your academic and career goals?**

It was a wonderful summer. I was able to make a lot of excellent connections with people from theatres all over the country, and I learned a lot about leadership and management.

### **Describe some of your roles and responsibilities as an intern.**

I was responsible for overseeing a team of other interns and led them in documenting, editing, and promoting content for the festival's various events, including lectures, theatrical performances, concerts, and community town hall events.

### **What is the most important thing you took away from this internship?**

The connections of professionals I met through being able to work in my chosen field.

## EMA FURUSHO

Art, 2020  
Video/ Creative Services Intern

Japan Society  
New York, NY

### **How did this internship experience support your academic and career goals?**

I was able to put my art education into practice and begin my career as a working visual artist and designer.

### **Describe some of your roles and responsibilities as an intern.**

Filming and editing videos such as highlight reels for YouTube. Translating and subtitling interview videos conducted in Japanese. Making short, informational animations for social media.

### **What is the most important thing you took away from this internship?**

Valuable experience of what a potential creative non-fine arts, but artistic career would be like. Also, a look at how a non-profit culture organization functions with grant money, fundraisers, etc.



## EMILY GALLAGHER

Vocal Performance, 2019  
Performing Artist

Brevard Music Center  
Brevard, NC

### **How did this internship experience support your academic and career goals?**

My internship this summer allowed me to have experience performing in a professionally. I worked with directors and conductors from opera companies all around the United States, and I hope these connections will help me in the future when I audition after college. This experience allowed me the opportunity to rehearse under the same constraints that are typical of the professional world. In school, we are granted longer rehearsals periods because we are still learning, but at Brevard I was a part of five productions in a matter of two months.

### **Describe some of your roles and responsibilities as an intern.**

My primary responsibility as an intern was to attend rehearsals and perform in productions at the festival. I also had administrative responsibilities including writing supertitles for the operas music in the library.

### **What is the most important thing you took away from this internship?**

The most important things I took away from this internship are definitely the professional connections that I made this summer.

## CASSANDRA HOWARD

Architecture, 2021  
Exhibitions and Education Intern

Virginia Museum of Contemporary Art  
Virginia Beach, VA

### **How did this internship experience support your academic and career goals?**

During my internship, I was able to explore exhibition design in the context of a contemporary art museum through creating my own interactive for museum visitors and planning for the Fall exhibitions. This internship has greatly influenced my future career, as I have learned more about the kind of environment I want to work in and the type of work I would like to do more specifically. Academically, it was exciting to apply my Architecture related design skills to an adjacent field and see how it influences the product.

### **Describe some of your roles and responsibilities as an intern.**

Designing and producing an interactive response wall for museum visitors, Designing and producing plans for the Fall visitor experience artLAB, working with art instructors during offsite art camps, Maintaining the interactive exhibits (supplies, cleaning, etc.), Light administrative work for the Director of Education and Exhibitions and for the Curator of Education.

### **What is the most important thing you took away from this internship?**

I solidified my understanding of how to be a scenic artist in a professional setting. In class I learned how to paint and techniques, but I never got the experience of working with other people and being in charge of larger projects. Without this internship, I would still be missing that knowledge.

## MARK IVACHTCHENKO

Drama, 2020  
Scenic Design Intern

The Public Theatre  
New York, NY

### **How did this internship experience support your academic and career goals?**

Working at the Public Theater this summer goals in a major way. I was able to experience the atmosphere and attitude of a professional scene shop in New York City for the first time. Despite there being manual labor, being able to understand how things are built and why they're designed certain ways will strengthen the way I design in the future, at CMU and beyond.

### **Describe some of your roles and responsibilities as an intern.**

My responsibilities as an intern focused on working with professional carpenters to put up the multiple shows done at the Public Theater; the highest stake shows being the two productions of Shakespeare in the Park.

### **What is the most important thing you took away from this internship?**

The most valuable thing I took away from this internship was understanding how important it is to communicate with the people around you. Whether you're hoisting up a 600 lb piece of scenery or have to tell your employer that you're feeling sick and can't come in, communication is key.

## CARLEY JOHNSON

Dramaturgy, 2020  
Literary Intern

The Geffen Playhouse  
Los Angeles, CA

### **How did this internship experience support your academic and career goals?**

It was an amazing experience for both my academic and career goals. It showed me that I was in the right line of work- I worked with a mentor who taught me so much about professionalism and giving thought and passion to your profession every time you show up for work. I was so fortunate in this internship to have worked with great people and seen amazing theatre.

### **Describe some of your roles and responsibilities as an intern.**

Read plays sent to the Literary office and write coverage of them, give a play a second read and assess the coverage already written, log all plays into the database, write decline letters, read and assess project proposals, attend workshops and watch the shows going on at the Geffen.

### **What is the most important thing you took away from this internship?**

Receiving funds from SIEF is the only reason I got to participate in this internship. In the arts community most internships are unpaid. That's just the culture of the job, as money is always tight unlike CS or engineering internships. This experience couldn't have happened without these funds, and I was lucky to get them even, because Arts internships

## DARYA KHARABI

Environmental Studies and Art, 2020  
Intern

Bunker Projects  
Pittsburgh, PA

### **How did this internship experience support your academic and career goals?**

It gave me an insight on the actual strategic and logistical labor required to run an art gallery, and the concepts of equity that have yet to be fully established within the art institution.

### **Describe some of your roles and responsibilities as an intern.**

I sat during gallery openings, documented much of the work, interviewed an artist, and wrote an article about the interview.

### **What is the most important thing you took away from this internship?**

Accountability is important! Whether that be in the boss-employer structure, or in the grander scheme of things. Hold yourself accountable, and respect yourself! I know have insight on the actual strategic and logistical labor required to run an art gallery, and the concepts of equity that have yet to be fully established within the art institution.

## YELIM KIM

Art, 2020  
Multimedia and Marketing Intern

Carnegie Museum of Art  
Pittsburgh, PA

### **How did this internship experience support your academic and career goals?**

I became more sure of where my interest lie, and what classes I would like to take in the future. I am headed towards documentary and other forms of video.

### **Describe some of your roles and responsibilities as an intern.**

I was responsible for assisting my supervisor with filming interviews and b-roll for one of my main projects. I was also responsible for post-production for advertisements of events within the museum. I also attended meetings with the marketing team and other directors.

### **What is the most important thing you took away from this internship?**

I learned to communicate in a professional way, and to work in a team with different skills and backgrounds. Most of my projects required me to work with other interns and my supervisor and to be on set during the whole process. Many required us to break down and split responsibilities, and to teach each other our knowledge of the equipment or filming in general.

## HANNAH MANIKOWSKI

Directing, 2020  
Festival Intern

KO Theatre Works  
Amherst, MA

### **How did this internship experience support your academic and career goals?**

As someone who is interested in theatre as a form of civic engagement, Ko provided me with a framework for that line of work. It was valuable for me to see how a festival like Ko operates so that I can one day use that model as a point of reference, adapting it for my own future company's purposes.

### **Describe some of your roles and responsibilities as an intern.**

At Ko, a cohort of nine interns performed all basic festival responsibilities. We worked, on average, twelve-hour days, loading in the shows that would appear in the festival, hanging and focusing lights, working the box office, etc. Interns are the lifeblood of Ko and it was awesome to experience it.

### **What is the most important thing you took away from this internship?**

I learned a lot about honest self-respect, including how to navigate complicated situations with grace but also firmness of intention.

## SOPHIA MASTERSON

Vocal Performance, 2020  
Opera Artist

Opera Steamboat  
Steamboat Springs, CO

### **How did this internship experience support your academic and career goals?**

As a young performer it is very important to go around the country, meet new people and make connections. My career goal is to perform for the rest of my life, and the Opera Steamboat Young Artist Program helped me make my dream a clearer reality by showing me a more clear path.

### **Describe some of your roles and responsibilities as an intern.**

A big part of a young artist program like Opera Steamboat is coming to the program prepared. The production I was in called "The Proposal" by Milton Grainger was a world premier so we worked directly with the composer. If your music was not learned, and you were not open to any corrections he offered it really effected the entire show.

### **What is the most important thing you took away from this internship?**

The biggest take away is that this internship gave me a "real world" experience of how an opera company works.

## DANIEL NEALE

Drama - Musical Theater, 2020  
Producing and Management Intern

Alchemation  
New York City, NY

### **How did this internship experience support your academic and career goals?**

It exposed me to all aspects of commercial producing and allowed me to make connections with top players in the theater industry.

### **Describe some of your roles and responsibilities as an intern.**

Assist Tony Award winning producer Kevin McCollum with the production of Broadway, Off-Broadway, regional and touring productions; Provide executive and administrative support; Evaluate and cover submissions, developmental readings, workshops, and productions

### **What is the most important thing you took away from this internship?**

I took away a more thorough understanding of commercial producing.

## RAMSEY PACK

Drama - Musical Theater, 2019  
Performance Intern

Broadway Dreams Foundation  
New York City, NY / Charlotte, NC / Philadelphia, PA

### **How did this internship experience support your academic and career goals?**

It equipped me with industry connections in addition to equipping me with the proper skills to manage my career in the most effective way possible.

### **Describe some of your roles and responsibilities as an intern.**

I was responsible for schedule meetings and facilitating discussions between our faculty, staff, and interns. In addition to that, I was also responsible for being an Assistant Director and helping to choreograph our cabaret performances out on at the end of the week culminating the skills our interns had learned.

### **What is the most important thing you took away from this internship?**

The most important thing that I took away was how to make a successful career out of what I'm doing here at Carnegie Mellon. I learned about the layout of the current industry and how to meander to obtain what I want successfully.

## CASSIDY PEARSALL

Video and Media Design, 2019  
Videographer

Intl. Festival of Arts & Ideas Theatre Company  
New Haven, CT

### **How did this internship experience support your academic and career goals?**

My internship was through the marketing department of one of the largest public arts festivals in the Northeast. As a videographer I documented over 80 events over the course of the festival for promotional and archival purposes, with some projects having a three hour turn over. I learned about the practical applications of the skills I am learning through the school's program and I also had an opportunity to take design skills into a sector I hadn't previously explored.

### **Describe some of your roles and responsibilities as an intern.**

I was responsible for overseeing a team of other interns and led them in documenting, editing, and promoting content for the festival's various events, including lectures, theatrical performances, concerts, and community town hall events.

### **What is the most important thing you took away from this internship?**

The connections of professionals I met through being able to work in my chosen field.

## VICTORIANO REYES

Studio Art, 2019  
Intern

Babycastles  
New York City, NY

### **How did this internship experience support your academic and career goals?**

I was responsible for assisting in the organization and physical installation of exhibitions and events. This includes, doing research, communicating with exhibiting artists, and doing various tech maintenance during exhibitions. I also attend weekly meetings with the head members of the organization. During these meetings I got to listen to and participate in discussions about planning future events, budgeting, event problem solving, and discussions of facilitating inclusivity. I also gained grant writing and finance management experience by working closely and attending workshops with one of the staff.

### **Describe some of your roles and responsibilities as an intern.**

Communicating with artists, installing art, assistance with grant and finance organization, event planning, event photographing, workshop organizing, oral presentation.

### **What is the most important thing you took away from this internship?**

The skills and techniques taught to me by the full-time employees were extremely beneficial to my education.

## JOSEPH SANDLER

Vocal Performance, 2019  
Studio Artist

Aspen Opera Company  
Aspen, CO

### **How did this internship experience support your academic and career goals?**

Real world experience working with a company and with world class talent. It was an amazing career builder.

### **Describe some of your roles and responsibilities as an intern.**

Singing in concerts and larger productions, assisting with technical work for productions.

### **What is the most important thing you took away from this internship?**

I was able to experience my future professional lifestyle which will help my career for the rest of my life. Considering the nature of the program and lack of pay I am extremely thankful for the SIEF funding because it made it possible for me to live out this awesome opportunity.

## JULIEN SAT-VOLHARDT

Drama, 2020  
Technical Direction Intern

Williamstown Theatre Company  
Williamstown, MA

### **How did this internship experience support your academic and career goals?**

This internship allowed me to participate hands-on in the daily operation of the scenery department at a very busy summer stock theatre. The experience helped me understand the stresses and the caliber of work necessary for the successful operation of, such a department. Having this summer experience will help me bring the necessary professionalism and skills I need for my future.

### **Describe some of your roles and responsibilities as an intern.**

I was given tasks that challenged my skills and allowed me to learn from my peers and superiors. I enjoyed drafting the various scenic elements of each show. The process of translating the intent of the designer and their drawings into an achievable structure is one that I greatly enjoy.

### **What is the most important thing you took away from this internship?**

The Williamstown Theatre Festival is very well known within the theatre industry and having been able to participate in this internship will greatly help my future career, even before I graduate; it will help me in obtaining more and better internships/summer opportunities next summer. Receiving money from SIEF helped me not go broke while I furthered my career!

## EVAN SCHILD

Drama, 2020  
Production Intern

Martian Entertainment  
New York, NY

### **How did this internship experience support your academic and career goals?**

I was able to take what I learned in the classroom and see how it applied to real life. My internship supported my goal of working on Broadway and learning the “ins and outs” of different types of management.

### **Describe some of your roles and responsibilities as an intern.**

I had to proof contracts, create budgets, schedule and attend meetings, manage the office schedule. At every meeting I took meeting notes, and near the end of the summer I was working with the General Manger to create actor contracts and agreements.

### **What is the most important thing you took away from this internship?**

How collaborative the theatre industry really is and how everyone is working towards one goal.

## ANNA SCHULZ

Art, 2019  
Art and Design Intern

Granite City Art and Design District  
Granite City, IL

### **How did this internship experience support your academic and career goals?**

I actually wrote my admissions essay to Carnegie Mellon about my interest in working to boost morale in struggling communities with art and gardens, making this internship a valuable experience providing me with the chance to work with others with similar goals and see what running a non-profit was all about.

### **Describe some of your roles and responsibilities as an intern.**

I got a closer look into what managing gallery and public spaces entails and gained valuable experience in restoring and renovating old buildings, lots, and gallery spaces.

### **What is the most important thing you took away from this internship?**

GCADD not only provided me with valuable gallery and public art experience, but also gave me the great opportunity to show my work at an exhibition (Exhibition #17) at the end of the summer. The exhibition not only furthered my local exposure but also assisted in networking throughout the Metro-East St. Louis art community (a valuable resource for an artist).



## KATHERINE SHARPLESS

Drama, 2020  
Scenic Design Intern

Williamstown Theater Festival  
Williamstown, MA

### **How did this internship experience support your academic and career goals?**

This internship got me connected with other students and professionals in my field, and the opportunity to see how they work and the art they created was invaluable. Being around others who share my major and interests pushed my quality of work and understanding of my craft.

### **Describe some of your roles and responsibilities as an intern.**

I worked in the studio on drafting, model making, and show research, assisting the staff on the large and small shows. I designed two of my own shows for the directing interns.

### **What is the most important thing you took away from this internship?**

That the people I worked with and the company culture directly impacted the quality of my work.

## ALEXANDER TALBOT

Drama, 2020  
Lighting Design Apprentice

Hangar Theatre Company  
Ithaca, NY

### **How did this internship experience support your academic and career goals?**

The internship allowed me to directly apply the things I have been learning at CMU to a real-world scenario. The job gave me practical applications for my skills and allowed me to explore the field and work as an assistant and as a designer in a more professional setting than what CMU offers.

### **Describe some of your roles and responsibilities as an intern.**

As an apprentice, I was tasked with typical assistant designer responsibilities, such as small drafting projects, paperwork, communication with other departments, and notes. I also was tasked with designing 4 cabarets and the final Kiddstuff show of the season.

### **What is the most important thing you took away from this internship?**

I learned more about what I want to focus on in school for the next 2 years, and where I'd potentially like to take my career after college, specifically what fields and jobs interest me most.



**DIETRICH COLLEGE OF  
HUMANITIES AND  
SOCIAL SCIENCES**

## QIANYI (LUCY) CHEN

Psychology and Statistics, 2020  
Psychology Intern

National Institute of Health, NIAA  
Bethesda, MD

### **How did this internship experience support your academic and career goals?**

Getting to actively participate in a research facility gave me an idea of what I want to do in the future.

### **Describe some of your roles and responsibilities as an intern.**

Created a program to analyze data, and then did a project analyzing the data using the program.

### **What is the most important thing you took away from this internship?**

This internship has really made me think again about what path I want to take, since I was able to work with so many different specialties.

## JACOB FELDGOISE

Policy and Management, 2021  
Non-Legal Intern

Office of the Attorney General  
Boston, MA

### **How did this internship experience support your academic and career goals?**

This internship was a truly incredible experience. I interacted with top-tier attorneys on a daily basis and immersed myself in meaningful investigative research that closely aligns with my passion for transitioning our national energy supplies to renewable sources. I gained invaluable experience regarding how to create and sustain a self-directed project and ultimately deliver a quality final work product.

### **Describe some of your roles and responsibilities as an intern.**

When an opportunity presented itself to work on an ongoing high-profile investigation regarding consumer and investor defrauding by a large company, I jumped on it!

### **What is the most important thing you took away from this internship?**

Be bold. If you really want to meet someone – even if they have a fancy title – send them a nice email, or if possible, ask directly. Then take advantage of the opportunity by preparing appropriately.

## DANIEL LEE

Statistics and Machine Learning, 2019  
Student Honors

US Securities and Exchange Commission  
Chicago, IL

### **How did this internship experience support your academic and career goals?**

It challenged me to the fullest and allowed me to learn skills that cannot be taught in a traditional classroom setting.

### **Describe some of your roles and responsibilities as an intern.**

Analyzed and detected fraud using Machine Learning Capabilities.

### **What is the most important thing you took away from this internship?**

I was able to make meaningful connections with my coworkers and supervisors. As for work experience, there is not a lot of room for error out in the real world, be very sure of what you are doing.

## AMRUTHA PALANIYAPPAN

Economics (B.S) Human Computer Interaction (Additional), 2020  
Product Development Intern

SAMEWAY  
Boston, MA

### **How did this internship experience support your academic and career goals?**

Through my internship, I learned about the nuances of the user experience process. Within the framework of a small start up, I was given the tools and autonomy to develop solutions to user problems with a hands on approach. I was able to develop as a professional, learning how to work in a small team of members with diverse backgrounds and skill sets. The internship introduced me to the real world applications of UX and solidified my interest in pursuing a UX oriented career.

### **Describe some of your roles and responsibilities as an intern.**

My responsibilities included tackling user problems by interviewing current users, brainstorming and wire framing solutions to such problems, getting feedback on the developed solutions through extensive user testing, and repeating the process. Throughout this process I worked closely with the CEO, Lead UI/UX designer, and CTO.

### **What is the most important thing you took away from this internship?**

I discovered a passion for user experience work and confirmed that this was definitely the sort of career path I wanted to pursue. Essentially, this internship helped me decide my path.

## **TERRIANN ZHU**

Decision Science, and Business Administration, 2020      Generational Transfer Entrepreneurs  
Private Equity Analyst Intern      Pittsburgh, PA

### **How did this internship experience support your academic and career goals?**

GTE has a strong system for teaching and supporting interns, and hosted many events that exposed me to nearby startups and private equity firms. GTE management also brought in established professionals in various industries to talk about their experiences and answer questions. This gave me a better idea of what career path I would like to pursue in the future.

### **Describe some of your roles and responsibilities as an intern.**

As an Analyst Intern, I often met with my supervisors to discuss feedback and progress on projects. One of my biggest responsibilities was researching small businesses and their owners to see if they could be acquisition targets for GTE. I also conducted market and industry research, compiled my findings into a report, and presented that report to my supervisors.

### **What is the most important thing you took away from this internship?**

The most valuable takeaway from this internship was listening to my supervisors' peers talk about their careers. Most had a similar starting point, so it was fascinating to learn about how their paths had diverged so much.

The logo for the Mellon College of Science features a dark red vertical bar on the left, a horizontal black line crossing it, and a light gray rectangular background to the right. The text "MELLON COLLEGE OF SCIENCE" is centered in the gray area in a bold, black, sans-serif font.

**MELLON COLLEGE  
OF SCIENCE**

## **ODELIA CHENG**

BSA-Biological Sciences and Art, 2019  
Scientific Illustration Intern

Carnegie Museum of Natural History  
Pittsburgh, PA

### **How did this internship experience support your academic and career goals?**

It was an opportunity for me to combine my two fields of interest as a BXA major and also gave me the chance to shadow under an experienced scientific illustrator. Under his mentorship, I also worked with vertebrate paleontologists to image and illustrate specimens for them. This was an incredible opportunity for me to gain experience towards scientific/medical illustration, which is the career field I want to go into for the future. I was also able to network with other illustrators my mentor knew and go to the annual GNSI (Guild of Natural Science Illustrators) conference with him. In this conference, I was able to network with many illustrators and obtain information from them about the field and how to apply to illustration programs.

### **Describe some of your roles and responsibilities as an intern.**

Taking pictures of specimens, editing the pictures, digitally illustrating the specimens on illustrator, meeting and talking with paleontologists to figure out if the images were up to their expectations, shadowing my mentor and seeing his interactions with paleontologists and learning about his illustration methods and work.

### **What is the most important thing you took away from this internship?**

Learning techniques for illustration. Being able to network with other illustrators and learn more about the field I am going into (freelance vs position for a museum/company)

## **JACOB SILVERMAN**

Mathematics, 2019  
Quantitative and Analyst and Data Science Intern

Securities and Exchange Commission  
New York, NY

### **How did this internship experience support your academic and career goals?**

The internship experience supported my academic goals because it enabled me to apply the skills I am learning in the classroom in a professional setting. In addition there was a research component associated with my internship that allowed me the opportunity to spend time learning new machine learning and data science techniques.

### **Describe some of your roles and responsibilities as an intern.**

There were primarily three components to my internship. The first part was a series of weekly lectures on arbitrage, market microstructure, and market manipulation where I was expected to learn the information necessary to complete my job effectively. The second part was providing analytical support to active SEC cases by analyzing data such as trade data, market data, phone records and IP addresses. The third part was a research component where I was actively searching for new and better ways for the SEC to detect market manipulation and insider trading.

### **What is the most important thing you took away from this internship?**

As an intern at the SEC I was able to get a greater understanding of the financial sector from the regulatory side. Having worked in the regulatory side of the financial sector I can understand why our markets are structured the way they are as well as the associated pros and cons. I can also appreciate why certain rules exist and why they are beneficial to retail investors.