

# COLLEGE OF ENGINEERING INDUSTRY INSIGHTS



## Krishna Dave

- B.S. Mechanical Engineering (2019), M.S. Mechanical Engineering - Computational Engineering (2020), M.S. Applied Statistics (2023)
- Current Title: Software Engineer
- Industry: Software
- Company: Apple Inc.



### Tell Me About Your Job



I work as a Software Engineer at Apple Inc. I work on iOS/macOS applications such as the Calculator app, System Settings, Console etc. I work on writing code for maintaining these apps, testing, and debugging. I also manage continuous integration pipelines to the production code base, work on setting up analytics for user data collection, analyze/understand how users use the apps and how we can improve them.

### How did your major or classes at CMU help prepare you for your job?

CMU really helped me to learn quickly, and manage tons of work. CMU inundated us with coursework and new technical material, which students had to figure out how to navigate/work through. That developed my time management, problem solving, resourcefulness, and communication skills - which are super useful at my job.



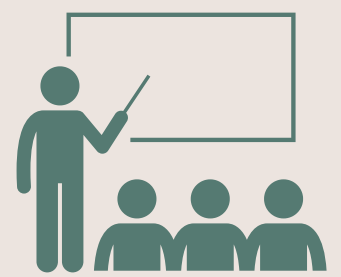
### What other activities, hobbies, or experiences helped to prepare you for a job in your industry?

I took a bunch of coding courses at CMU, participated in some hackathons, and did CMU Racing Club - which developed my leadership skills and I learned how to work with a team of engineers to build a product from start to finish.



### What classes would you recommend to a student who is interested in a job in your industry?

I think every engineer should learn coding - regardless of their engineering field/major. So, 15-112, Fundamentals of Programming.



### What advice would you give to a student who is in the early stages of considering a career in your industry?

Network and keep an open mind about your career trajectory -- it will most likely not be linear and you will likely end up working on something completely different a few years from now than what you think you want to work on right now!



### What advice would you give to a student who is preparing to apply for an internship/job in your industry?

Focus on a gaining wide variety of technical experience -- don't be too focused on the wages/salary. Don't be afraid to fail early, and fail often!

