



## **AMULYA MATHUR**

**PROGRAM:** MS IN AIE - BME

**HOME TOWN:** SINGAPORE

### **CONTACT**

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### **HOBBIES**

Art, Baking, Photography

### **FACTS NEW STUDENTS MAY NOT KNOW ABOUT PITTSBURGH, CMU OR BME**

Pittsburgh is a haven for foodies, offering a diverse range of cuisines. You HAVE to try the city's famous Primanti Brothers' sandwich!

## **LEARN ABOUT CMU BME AMBASSADORS**

### **FAVORITE THING ABOUT BME DEPARTMENT**

There is truly nothing better than being part of a school department that treats you like family. Thanks to BME's exceptional welcome party, happy hour sessions, and Christmas dinner, I've had the opportunity to interact with a diverse group of people and cultivate meaningful connections throughout the semester. Meeting individuals who share similar interests in BME and exude a friendly attitude has been incredibly enriching. Additionally, the professors contribute to fostering new connections with students through their approachability and open-mindedness!

### **FAVORITE THING ABOUT CMU**

The love for innovation! Each professor here is deeply immersed in groundbreaking research, driven by the goal of enhancing people's lives. From cutting-edge brain science and pioneering startups to advancements in driverless cars, big data exploration, and monumental robotic technology, CMU thrives on innovation. This dynamic environment opens a myriad of research opportunities for students, which enables us to contribute to the future world.

### **WHY I PICKED CMU FOR MY GRAD STUDIES?**

CMU was the perfect place for me due to its profound focus on computing technology and AI, aligning seamlessly with my passion. Recognizing the pivotal role of AI in diverse BME applications, I seized the opportunity to delve into its intricacies, immersing myself in rigorous courses and engaging research experiences. Undoubtedly, this institution has significantly elevated my potential and enhanced my competence in the field.

### **LONG-TERM CAREER GOALS**

Drawing upon my experiences in this master's degree, I am excited about the prospect of joining a leading biotech company at the intersection of AI and biomedical applications. This includes exploring areas such as neural signal processing, brain-computer interfaces, bioinformatics, medical image analysis, and surgical robotic systems. I would like to dive deep into the industrial realm, where I can apply my acquired skills to tackle challenges of healthcare and make a positive impact on patients.