

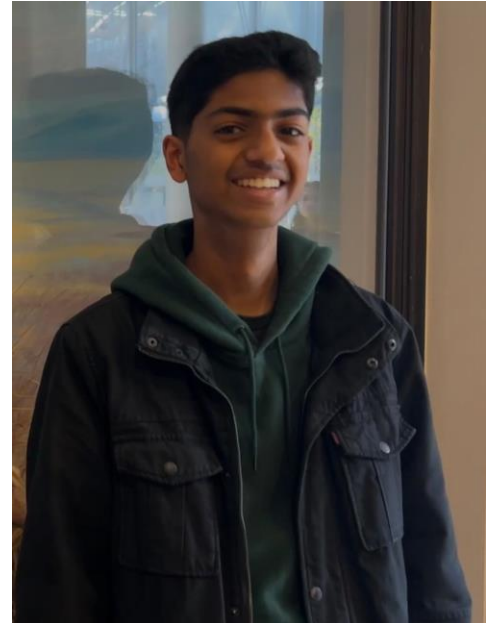
Pranay Boreddy

My name is Pranay Boreddy, and I was born in Santa Clara, CA. I am from San Ramon in the Bay Area, and graduated from Dougherty Valley High School. Outside of school, I enjoy hiking and tinkering with computers.

The initial spark for me to learn more about how the internals of our everyday computers work was when I visited my mom's lab, while she was working as a hardware engineer. I derive much of my curiosity in electronics from my parents, and it forms the main basis for my interest in the ECE department at UCLA. Throughout high school, I was interested in programming, in the realm of web development. However, it wasn't until my junior year that I started to dive deeper into the depths of engineering and lower-level programming, when I started tinkering with C and assembly to write simple programs that intrigued me. A pivotal moment in my journey was when I wrote a Chip-8 Emulator in C++, which further fueled my desire to comprehend the internals of computers.

Currently at UCLA, I am involved in the ACM AI and ACM Cyber clubs. My favorite aspects of these clubs are the project-based formats, as it provides me with a new sense of perception for the different fields that I previously haven't explored as much. I was fascinated by the OS Lab in ACM Cyber, providing an in-depth introduction on how operating systems function and how different components of the OS and kernel can be implemented.

Right now, I'm unsure about what specific career path I'll be taking in the future. With my growing interest in low-level programming, I could potentially see myself in a career path related to embedded development, as it would allow me to examine the foundational aspects of technology that I have been motivated by from the start. Alternatively, I could also go into areas



related to computer vision and machine learning due to my interest in AI. However, as my academic life at UCLA progresses and I learn more about different areas of the field from all of my major classes, I'll likely gain more clarity on what my future holds.