Caden Davis

UCLA '25 Fast Track Student of the Month

Hometown: Dana Point, CA
High School: Dana Hills High School
Interests: Wireless communications, networked embedded devices, machine learning, teaching, graphic design, photography, skiing

Why did you choose UCLA ECE?

I chose UCLA ECE in part because of the Fast Track program and in part because of UCLA's many clubs and research opportunities for electrical engineering. Also, UCLA as a whole was extremely appealing to me with its emphasis on work-life balance relative to many other schools -- I still have time to go to the gym and hang out with friends even while managing Fast Track honors courses.

How are you involved at UCLA?

At UCLA, I have really enjoyed being a part of IEEE's Micromouse project and following ACM AI's Advanced workshop track. As the year continues, I plan to take on leadership positions in either of these clubs in order to continue my love of teaching, and I hope to find research within ECE.

What are your educational and career plans?

After undergrad, I plan to obtain a Master's degree in EE specializing in communications & networking, machine learning, or embedded systems before working in industry in my chosen field. From my biomedical engineering internship and being a part of my high school's pre-med program, I found biomedical applications of electrical engineering to be incredibly interesting, so I believe that combining medical applications with any of the above aspects of EE would be an excellent fit.

What projects are you taking on in your own time?

In my spare time, I've been using Kaggle as a resource to learn more about data science to expand on what I've been learning in my statistics class and ACM AI. I've also been researching MQTT on the Raspberry Pi for IoT communications and learning MATLAB's Machine Learning Toolbox.