

# Joseph Seok

UCLA Fast Track Student of the Month



**Hometown:** Cupertino, CA

**High School:**

Monta Vista High School

**Hobbies and Interests:**

League of Legends, Fishing, Skiing,  
Marvel Movies

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## Why did you choose Electrical and Computer Engineering?

I developed an interest in engineering after attending an aerospace summer camp at UCLA. After working on my STEM research project regarding automobile localization using Wi-Fi signals, I became more interested in Wi-Fi and advanced computer technology like self-driving cars. Electrical and Computer Engineering seemed like an intriguing and welcoming place to start my UCLA journey.

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## How are you involved at UCLA?

I am involved in IEEE at UCLA's Micromouse project by attending lectures and workshops with my project team, and I hope that this project will teach me some basic hardware / circuitry knowledge and techniques, which may come in handy when taking EE courses in the future.

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## What are your educational and career goals?

I plan on getting my B.S. and M.S in EE through UCLA's 4+1 program. After learning about different career paths from the ECE seminar this quarter, I gained a desire to explore various careers and fields of interest that appeal to me. Hearing UCLA EE alumni speak about their experiences at big tech companies like Apple, Intel, and Amazon made me excited to learn more about the endless possibilities that the tech industry has to offer.

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## What projects are you taking on in your own time?

After taking the course Introduction to Engineering Design: Internet of Things, I was interested by IoT technology and sensors. In this course, I used neural networks to develop a system that can recognize and count workout reps so that I can regain the fitness that I lost from playing too much League of Legends with my friends. I also plan on exploring the integration of IoT sensing technology that I learned from this course into my automobile localization STEM research project.