

# Jocelyn Tran

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## EDUCATION

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**University of California, San Diego** | La Jolla, CA Sep 2015 - Jun 2019

B.S., Computer Engineering -- **GPA: 3.71**

**Notable Courses:** Intro to CS and OO Programming: Java, Engineering Computation in C, Basic Data Structures and OO Design, Comp. Organization/Systems Programming, Analog Design

**Fremont High School** | Sunnyvale, CA Aug 2011 - Jun 2015

Weighted GPA: 4.31 -- AP Computer Science

## SKILLS

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**Languages:** Java, C, Arduino, C++, SPARC Assembly, MatLab, JavaScript, HTML, CSS

**Tools:** vim, Unix, Eclipse, GDB, JDB, JUnit, Valgrind, Git, Makefiles, Ant, Android Studio, Firebase

**Hardware:** Arduino, Oscilloscope, Logic Analyzer, Function Generator, Soldering

## EXPERIENCE

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**UCSD Electrical and Computer Engineering Department** | La Jolla, CA April 2016 - June 2016

*ECE 5 Lab Tester*

- Completed labs involving circuit theory, assembly, and testing, embedded systems programming and debugging, modular design techniques and more.
- Revised labs to increase understanding and clarity by identifying inconsistencies and gaps in information.

**FIRST Robotics Team** | Sunnyvale, CA

Nov 2014 - May 2015

*Software Team Member*

- Worked with Java open source libraries like BoofCV, WPILib
- Incorporated PID controlling, lidars, and sonars to control robot's movement
- Mastered communication and leadership skills by directing a command writing group

## INVOLVEMENT

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**IEEE Micromouse Competition** | La Jolla, CA

Oct 2016 - Present

*Micromouse Team Member*

- Worked in a team of 5 students to design, fabricate, and test a robot to complete a 16x16 maze.

**Students for Success Tutoring Program** | Sunnyvale, CA

Sep 2012 - May 2015

*Student Tutor*

- Tutored high school students in a range of academic fields including calculus and comp. science
- Helped raised GPA of 200 participating students by an average of 0.22 points per year

## AWARDS

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UCSD Provost Honors (2015-2016)

College Board AP Scholar with Distinction (2015)

Software Robotics Rookie of the Year (2015)

Students for Success Tutor Award (2013)