Jocelyn Tran

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EDUCATION

University of California, San Diego | La Jolla, CA   Sep 2015 - Jun 2019
  B.S., Computer Engineering -- **Major GPA: 3.76**
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

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

IEEE Micromouse Competition | La Jolla, CA   Oct 2016 - Present
Micromouse Team Member

  ● Worked in a team of 5 students to design, fabricate, and test an autonomous maze solving robot.
  ● Applied skills include digital signal processing, embedded systems, PCB assembly and CAD

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

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

CLUBS AND AWARDS

IEEE HKN Honor Society (Sept 2016 - Present)   UCSD Provost Honors (2015-2016)
College Board AP Scholar with Distinction (2015)   Software Robotics Rookie of the Year (2015)