

Jocelyn Tran

(408) 507 - 3657 | jocelyn.tran1@gmail.com | US Citizen

EDUCATION

University of California, San Diego | La Jolla, CA

SEPT 2015 - JUNE 2019 EXPECTED

B.S. Computer Engineering, **Major GPA: 3.73**

EXPERIENCE

Pico Digital | San Diego, CA – *Engineering Intern*

JUNE 2017 - SEPT 2017

- Wrote system tests for their product with Bash, Python using SSH.
- Used Unirest and JSch in tests to run on a Tomcat server environment.
- Automated software updating on remote system using nightly build.

Facebook/CodePath Web Security | La Jolla, CA – *Bootcamp TA*

DEC 2016 - MAY 2017

- Taught XSS, SQLI, encryption, CSRF, Burp Suite to class of 20 students.
- Created lessons and answered students' questions in person.

UCSD IEEE Micromouse | La Jolla, CA — *Team Member*

OCT 2016 - MAY 2017

- Worked in team to design, build, test autonomous maze solving robot.
- Coded floodfill alg. and sensors on STM32 microcontroller.
- Won 4th place at both All American MM and CAMM Competition.

UCSD ECE Dept | La Jolla, CA — *ECE 5 Lab Tester*

APRIL 2016 - JUNE 2016

- Completed labs involving circuit theory, assembly, embedded systems.
- Rewrote and updated labs to increase technical clarity for freshman.

FIRST Robotics | Sunnyvale, CA — *Software Team Member*

NOV 2014 - MAY 2015

- Added PID controllers, lidars, sonars to control robot's movement.
- Led groups of junior members in writing modular robot commands.
- Competed in 2 regional competitions and moved to quarterfinals.

CLUBS AND AWARDS

IEEE Eta Kappa Nu Honor Society – Vice President | June 2017 – Present

Software Robotics Rookie of the Year | June 2015

Sunnyvale, CA | San Diego, CA
<https://tranjocelyn.github.io>
github.com/tranjocelyn
linkedin.com/in/tranjocelyn

HIGHLIGHTED PROJECTS

(more at tranjocelyn.github.io)

HackXX San Diego '17

Hardware hack to predict women's ovulation period using Arduino, Firebase and Node.js.
(2nd Place Winner)

EventLIT Android App

Allows students to view events at UCSD. Used Agile and Waterfall development in a team of 10.

Fishy Game

Web-based game using JavaScript and PHP for cheat code verification.

SKILLS

LANGUAGES

Java (Proficient), C++, C, Bash, HTML/CSS, PHP, Python

TOOLS

vim, Unix, Git, Android Studio, Burp Suite

HARDWARE

Arduino, Oscilloscope, Logic Analyzer, Function Generator, Soldering

COURSEWORK

CS & OO Programming: Java
Engineering Computation: C
Data Structures & OO Design
Discrete Mathematics
Algorithms & Systems
Systems Programming
Analog Design
Adv. Data Structures: C++