

# Seiya Ono

seyia.ono12@gmail.com | (949) 278 - 6443 | onibrow.github.io

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## Education.....

**University of California, Berkeley** **2015 - 2019**

Bachelor of Science: Electrical Engineering & Computer Science

### Course Work:

Structure and Interpretation of Computer Programs (CS61A); Data Structures and Advanced Programming (CS61B); Designing Information & Devices Systems I (EE16A); Designing Information & Devices Systems II (EE16B); Machine Structures (CS61C); Solid Mechanics (MEC85)

## Employment Experience.....

**Private Tutoring:** **September 2012 - August 2016**

Assisted the academic development of six students ranging from sixth to eleventh grade

Developed patience, open mindedness, and people skills for a wide age range

**CS61A Academic Interning:** **January 2016 - May 2016**

Help out GSI's in Lab and Office Hours by answering students' questions

Keeps Python fresh and develop deeper understanding by explaining to students

**EE16A Lab Assisting:** **August 2016 - December 2016**

Survey the lab and help students with their assignments

Keeps electrical lab skills in check and develop teaching skills

## Extracurriculars.....

### Pioneers in Engineering:

- DevOps Responsibilities:
  - Maintaining Package dependencies of BeagleBone Black's Ubuntu distro
  - Create a club wide continuous integration git flow
  - Teach git and github to staff
- Student Mentor Responsibilities:
  - Involve underprivileged kids in STEM
  - Guide their robot builds and encourage higher education
- Smart Sensor Project Manager Responsibilities:
  - Recruit new staff and teach Eagle basics
  - Set design parameters for robots' sensors
  - Put together schematics, route boards, and test with components
  - Maintain a consistent work flow and expedite board order process
- Develop team skills in a large project production environment

### Karate:

- 12 years at Orange County Karate Dojo, earning my black belt
- 1 year at UC Berkeley Karate Dojo

## Skills.....

### Programming Languages:

Java

Python

C

### General Skills:

GNU/Linux  
Japanese

Computer Building  
Eagle  
Git

L<sup>A</sup>T<sub>E</sub>X  
Electrical Lab  
Mentoring

Arduino  
GerbMerge