

# Seiya Ono

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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

### General Skills:

GNU/Linux

Computer Building

L<sup>A</sup>T<sub>E</sub>X

Mentoring

Japanese

Eagle

Git

Electrical Lab

GerbMerge