

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^AT_EX

Mentoring

Japanese

Eagle

Git

Electrical Lab

GerbMerge