

Seiya Ono

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Education.....

University of California, Berkeley

August 2015 - May 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 Tutor:

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

Intro to CS Lab Assistant:

January 2016 - May 2016

- Help out TA's in Lab and Office Hours by answering students' questions
- Keeps Python fresh and develop deeper understanding by explaining to students

Intro to EE Lab Assistant:

August 2016 - December 2016

- Survey the lab and help students with their assignments
- Keeps electrical lab skills in check and develop teaching skills
- Help develop a new lab based on op amp loading behavior

Experience.....

Pioneers in Engineering:

January 2016 - December 2016

- Bringing STEM education to underprivileged high schoolers through mentorship
- Develop team skills in a large project production environment

DevOps:

- Maintaining Package dependencies of BeagleBone Black's Ubuntu distro
- Create a club wide continuous integration git flow
- Teach and enforce club wide git rules and guidelines

Student Mentor:

- Involve underprivileged kids in STEM through robotics
- Guide their robot builds and encourage higher education

Smart Sensor Project Manager:

- Recruit new staff, enforce project plan, and train staff in soldering, Eagle, and Git
- Design and prototype new sensors using Arduino
- Put together schematics, route boards, build of materials, and test with components
- Maintain a consistent work flow and expedite board order process

Skills.....

Programming Languages:

Java

Python

C

General Skills:

GNU/Linux
Japanese

Computer Building
Eagle
Git

L^AT_EX
Electrical Lab

Mentoring

Arduino
GerbMerge