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	Computer Building	LaTeX	Mentoring	Arduino
Japanese	Eagle	Git	Electrical Lab	GerbMerge