

# SCOTT WERWATH

2400 Durant Ave, Spens Black 405 ◊ Berkeley, California 94720  
(804) · 380 · 1188 ◊ swerwath@berkeley.edu

## TECHNICAL SKILLS

---

<b>Computer Languages</b>	Java, C, HTML5, PHP, Python, L <sup>A</sup> T <sub>E</sub> X
<b>Databases</b>	MySQL
<b>Tools</b>	Emacs, Eclipse, Git, Microsoft Excel

## EDUCATION

---

<b>University of California, Berkeley</b>	<i>Expected Graduation: May 2019</i>
Bachelor of Science: Electrical Engineering & Computer Science, Nuclear Engineering	
GPA: 3.90 (Dean's Honors)	
Active member of Berkeley's American Nuclear Society (ANS) chapter	
<b>Carnegie Mellon University</b>	<i>Summer 2014</i>
Summer Courses	
GPA: 4.00	

## EXPERIENCE

---

<b>UC Berkeley Department of Electrical Engineering</b>	January 2016–Present
<i>Academic Intern (Lab Assistant)</i>	<i>Berkeley, CA</i>

- Trained students in use of laboratory equipment
- Assisted students in developing core engineering skills, such as breadboarding and soldering.
- Tested and proofread lab documentation

<b>UC Berkeley Department of Nuclear Engineering</b>	Starting January 2016
<i>DoseNet Research Developer</i>	<i>Berkeley, CA</i>

- Will maintain code base for wireless dosimeters to monitor real-time Bay Area radiation levels.
- Will upgrade Raspberry Pi hardware to include temperature and CO<sub>2</sub> sensors.
- Will develop educational user interface to teach high school students about radiation monitoring.

<b>The Collegiate School</b>	Summer 2013
<i>IT Assistant</i>	<i>Richmond, VA</i>

- Imaged and packaged leased iMacs and Chromebooks for return according to leaser's specifications.
- Deployed new Macbooks for use by students on school network.
- Oversaw migration and set up of wireless network routers and modems to new building.

## VOLUNTEERING

---

<b>Powell Economic Education Foundation</b>	Fall 2012–Fall 2015
<i>Website Developer and Database Administrator</i>	<i>Richmond, VA</i>

- Designed, built, and launched a new website for the Foundation using Bootstrap framework for HTML5.
- Created and managed database for applicants to apply to PEEF's summer internship program using PHP and MySQL.
- Instructed Foundation faculty in the use of new database system.

## RELEVANT COURSEWORK

---

### **Carnegie Mellon University**

*Summer 2014*

- 15-122 (Principles of Imperative Computation in C)
- 21-127 (Concepts of Mathematics)

### **University of California, Berkeley**

*Fall 2015*

- CS 61B (Data Structures in Java)
- EE 16A (Designing Information Devices and Systems I)

*Spring 2016 (In Progress)*

- Math 53 (Multivariable Calculus)
- Physics 7B (Physics for Engineers II)
- EE 16B (Designing Information Devices and Systems II)
- CS 198 (Directed Group Studies for Advanced Undergraduates)
- NE 24 (Nuclear Engineering Seminar)