SCOTT WERWATH

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TECHNICAL SKILLS

Computer Languages	Java, C, HTML5, PHP, Python, LaTeX
Databases	MySQL
Tools	Emacs, Eclipse, Git, Microsoft Excel

EDUCATION

University of California, Berkeley *Expected Graduation: May 2019*
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

Carnegie Mellon University *Summer 2014*
Summer Courses
GPA: 4.00

EXPERIENCE

UC Berkeley Department of Electrical Engineering January 2016—Present
Academic Intern (Lab Assistant) *Berkeley, CA*

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

UC Berkeley Department of Nuclear Engineering Starting January 2016
DoseNet Research Developer *Berkeley, CA*

· 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_2 sensors.
· Will develop educational user interface to teach high school students about radiation monitoring.

The Collegiate School Summer 2013
IT Assistant *Richmond, VA*

· 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

Powell Economic Education Foundation Fall 2012—Fall 2015
Website Developer and Database Administrator *Richmond, VA*

· 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 198-02 (Directed Group Studies for Advanced Undergraduates)
- CS 198-47 (Ruby on Rails)
- NE 24 (Nuclear Engineering Seminar)