SCOTT WERWATH

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TECHNICAL SKILLS

Computer Languages	Java, C, HTML5, PHP, Python, LaTeX
Frameworks	Bootstrap, Django
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

Relevant Coursework: CS61B (Data Structures), EE16A (Designing Information Devices and Systems)

Active member of Berkeley's American Nuclear Society (ANS) chapter

Carnegie Mellon University *Summer 2014*

Summer Courses

GPA: 4.00

Relevant Coursework: 15-122 (Principles of Imperative Computation in C), 21-127 (Intro to Set Theory)

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.

The Elk Hill School   Summer 2012
Eagle Scout Project   *Charlottesville, VA*

· Sourced refurbished laptops from a local business.
· Managed sorting of over 400 age-appropriate books and bookshelves.
· Oversaw deployment of computer lab and library for student use