

SCOTT WERWATH

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TECHNICAL SKILLS

Computer Languages	Java, C, HTML5, PHP, Python, L ^A T _E X
Frameworks	Bootstrap, Django
Databases	MySQL
Tools	Emacs, Eclipse, Git, Microsoft Excel

EDUCATION

University of California, Berkeley	<i>Expected Graduation: 2019</i>
Bachelor of Science: Electrical Engineering & Computer Science, Nuclear Engineering	
Relevant Coursework: CS61B (Data Structures), EE16A (Designing Information Devices and Systems)	
Active member of Berkeley's American Nuclear Society (ANS) chapter	
Carnegie Mellon Advanced Placement Program	<i>Summer 2014</i>
Relevant Coursework: 15-122 (Principles of Imperative Computation in C), 21-127 (Intro to Set Theory)	
GPA: 4.00	

EXPERIENCE

UC Berkeley Department of Nuclear Engineering	Starting January 2016
<i>DoseNet Research Developer</i>	<i>Berkeley, CA</i>
<ul style="list-style-type: none">· Will maintain code base for wireless dosimeters to monitor real-time Bay Area radiation levels.· Will upgrade Raspberry Pi hardware to include temperature and CO₂ sensors.· Will develop educational user interface to teach high school students about radiation monitoring.	
The Collegiate School	Summer 2013
<i>IT Assistant</i>	<i>Richmond, VA</i>
<ul style="list-style-type: none">· 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
<i>Website Developer and Database Administrator</i>	<i>Richmond, VA</i>
<ul style="list-style-type: none">· 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
<i>Eagle Scout Project</i>	<i>Charlottesville, VA</i>
<ul style="list-style-type: none">· 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	