

SCOTT WERWATH

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TECHNICAL SKILLS

(Descending order of experience)

Languages Python, C#, Javascript, C, HTML5, SQL, Java, Ruby, Elixir
Frameworks Node, .NET, Rails, Angular, Redis, RabbitMQ

EDUCATION

University of California, Berkeley *September 2015–December 2018*
Bachelor of Science, Electrical Engineering & Computer Science *GPA: 3.5*
Minor: Linguistics

EXPERIENCE

Software Engineering Intern *June 2016–Present*
SolarCity *San Francisco, CA*

Designed and built Node.js WebSocket microservice to enable interaction with and stream data to customers and sales representatives in real time
Refactored routes in customer-facing .NET API, reducing average response time by 75%

Undergraduate Researcher *January 2016–Present*
UC Berkeley Computer Sciences Division, Computational Game Theory Group *Berkeley, CA*

Identified main challenges in developing game solvers on distributed computing systems
Developed generalized algorithm for solving abstract strategy games on distributed systems using MPI
Deployed algorithm to the Savio Supercomputing Cluster for testing and analysis

Research Developer *February 2016–Present*
UC Berkeley Department of Nuclear Engineering, RadWatch Project *Berkeley, CA*

Maintained code base for wireless dosimeters to monitor real-time Bay Area radiation levels.
Deployed Raspberry Pi stations to Bay Area high schools

Academic Intern *January 2016–Present*
UC Berkeley Electrical Engineering Division *Berkeley, CA*

Trained students in use of laboratory equipment and NumPy for signal processing.
Taught students core engineering skills, e.g. circuit design, prototyping, debugging.
Tested and proofread lab documentation.

VOLUNTEERING

Website Developer, Database Administrator *September 2012–May 2015*
Powell Economic Education Foundation *Richmond, VA*

Designed, built, and launched a new website for the Foundation using Bootstrap framework for HTML5.
Built and managed database for applications to PEEF's summer internship program in PHP and MySQL.

Eagle Scout Project *April–August 2012*
The Elk Hill School *Charlottesville, VA*

Sourced refurbished laptops from a local business.
Oversaw deployment of computer lab and library for student use