Ben Burwell

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Objective: To obtain a job in the design, development, and testing of software with a focus on web technologies following graduation in May 2015.

Education

Muhlenberg College / Allentown, Pennsylvania.   **expected 2015**
B.S. in Computer Science, minor in Mathematics.
Selected courses: Data Structures & Algorithms, Computer Organization, Operating Systems, Computer Networks, Programming Languages, Artificial Intelligence, Linear Algebra.

Skills

Extensive background in web development using **XHTML**, **HTML 5**, **CSS 3**, **JavaScript** (and front-end frameworks such as **jQuery**) to create rich, interactive experiences. Significant backend and **API** experience with both **PHP/MySQL** and **Node.js/Express/Socket.IO/MongoDB** stacks. Sharp **Ruby** and **C** abilities, skilled in **Git** (as well as **GitHub** and **Atlassian Stash**), **Jenkins CI**, various **Linux** distributions, and **OS X**.

Experience

Software Engineering Intern / Lutron Electronics / Coopersburg, Pennsylvania   **summer 2014**
Extended existing open-source software to support proprietary protocols. Managed all aspects of the project including creating design documentation, setting up source code management, and designing and maintaining continuous integration/continuous deployment workflows. Presented demonstrations of the software and training on its use to a wide variety of stakeholders across the company.

Sound Technician / Muhlenberg College / Allentown, Pennsylvania   **2012–present**
Provide live sound mixing for student and guest performers at a wide variety of events throughout the year. Understand the needs of performers in order to set up and configure sound systems to accommodate them.

Tutor / Muhlenberg College Academic Resource Center / Allentown, Pennsylvania   **2012–present**
Provide one-on-one academic support to computer science students in weekly tutoring sessions and communicate with professors and the Academic Resource Center regarding student progress. Lead semiweekly content workshops to review class material. Attending regular training seminars led to certification by the College Reading and Learning Association.

Full Stack Web Designer & Developer / Self-Employed   **2010–present**
Work with clients to understand needs, create compelling interactive experiences, provide standards-compliant implementations using current web practices, and deliver ongoing support. Full-stack implementations include PHP/MySQL and Node.js/Express/MongoDB.

Technical Support Specialist / Princeton Day School / Princeton, New Jersey   **2008–2011**
Provided technical support for Apple desktops and laptops to students and teachers on the school network using Apple Remote Desktop, Workgroup Manager, and Server Admin. Performed maintenance including cleaning, imaging, and hardware upgrades on school workstations.

Activities & Honors

Omicron Delta Kappa National Leadership Honor Society	**2013–present**
Volunteer Emergency Medical Technician	**2011–present**
Dean's List / Muhlenberg College (each semester)	**2011–present**
Talent Grant for Lighting Design / Muhlenberg College (each academic year)	**2011–present**
Student Master Electrician / Muhlenberg Theatre Association	**2013–2014**
Second Lieutenant / Muhlenberg College EMS	**2013**