

BEN BURWELL

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Skills

- **Frontend:** HTML5/XHTML, CSS3, Less, Sass, JavaScript, CoffeeScript, jQuery, Angular
- **Full-Stack:** PHP/MySQL, Node.js/MongoDB
- **Backend:** C, Ruby, Java
- **Tools, Platforms, Frameworks:** Heroku, git, Jenkins CI, Debian Linux, OS X, Express.js, actionhero.js

Education

- **Muhlenberg College** — Allentown, PA *expected 2015*
B.S. in Computer Science; minor in Mathematics. *Relevant courses:* Data Structures & Algorithms, Computer Organization, Operating Systems, Computer Networks, Programming Languages, Software Engineering, Artificial Intelligence, Linear Algebra, Codes & Ciphers, Computer Security.

Experience

- **Lutron Electronics: Software Engineering Intern** — Coopersburg, PA *summer 2014*
Implemented Wireshark dissectors for proprietary network protocols in C. Wrote additional components to streamline monitoring serial interfaces with Wireshark. Created design documentation, configured SCM, and designed CI/CD workflows. Presented demonstrations of the software and training on its use to a wide variety of stakeholders across the company.
- **Muhlenberg College: Peer Tutor** — Allentown, PA *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 for Computer Science I and II. Attending regular training seminars led to certification from the College Reading and Learning Association.
- **Muhlenberg College: Sound Technician** — Allentown, PA *2012–present*
Provide live sound mixing for student and guest performers at a variety of events throughout the year. Understand the needs of performers in order to set up and configure sound systems to accommodate them.
- **Self-Employed: Full Stack Web Designer and Developer** *2010–present*
Work with clients to understand needs, create compelling interactive experiences, provide standards-compliant implementations using current web practices, and deliver ongoing support.
- **Princeton Day School: Technical Support Specialist** — Princeton, NJ *2008–2011*
Provided technical support to students and teachers using Apple desktops and laptops 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 and Honors

- **Volunteer EMT** — Pennington First Aid Squad; Muhlenberg College EMS *2011–present*
- **Omicron Delta Kappa** (National Leadership Honor Society) *inducted 2013*
- **Dean's List** — Muhlenberg College *each semester*