

Ben Burwell

Seegers Union Box 2559 / 2400 West Chew Street / Allentown, PA 18104
hi@benburwell.com / benburwell.com / (609) 405-1361

Education

Muhlenberg College — Allentown, PA (expected 2015)

B.S. in Computer Science. Minor in Mathematics. GPA: 3.69.

Relevant Courses: Data Structures & Algorithms, Computer Networks, Programming Languages, Artificial Intelligence, Linear Algebra, Operating Systems, Software Engineering.

Skills

Languages: C, Java, Python, HTML, CSS, JavaScript, PHP, MySQL.

Tools: Git, jQuery, Node.js, Express, Socket.IO.

Software: Jenkins, Linux, OS X, Github, Stash, Adobe Photoshop & InDesign CS 5.

Experience

Software Engineering Intern — Lutron Electronics, Inc. (Summer 2014)

Extended existing open-source software to support proprietary protocols. Managed all aspects of the project, including creating design documentation, and setting up source code management and continuous integration/continuous deployment workflows. Presented demonstrations of the software to teams across the company.

Peer Tutor — Muhlenberg College Academic Resource Center (2012–present)

Provide one-on-one academic support in the field of Computer Science to students in weekly tutoring sessions. Attend regular training seminars. Communicate with the Academic Resource Center regarding student progress. Lead biweekly content workshops. Achieved Level I Tutor Certification from the College Reading and Learning Association.

Web Designer & Developer — Self-Employed (2011–present)

Work with clients to understand needs, created compelling interactive experiences, provide implementations using current web practices, and deliver ongoing support.

Front-End Developer — Osmosis (Summer 2013)

Designed and developed user interface components and server software using Node.js for an educational technology startup to access external APIs and import user data to our platform.

Technical Support Specialist — Princeton Day School (2008–2011)

Provided desktop and laptop support for students and teachers on the school network using Apple Remote Desktop, Workgroup Manager, and Server Admin. Performed maintenance tasks including cleaning, imaging, and hardware upgrades on school workstations.

Achievements

Omicron Delta Kappa National Leadership Honor Society (inducted 2013)

Dean's List — Muhlenberg College (attained each semester)

Talent Grant for Lighting Design — Muhlenberg College (awarded annually)

Miscellaneous

2013–present Advisory Board Member (Student Master Electrician) — Muhlenberg Theatre Association

2011–present Volunteer Emergency Medical Technician

2006–present Technician for over 25 theatrical productions

2013 Second Lieutenant — Muhlenberg College Emergency Medical Services

2005 Granted Amateur Radio License by Federal Communications Commission