Ben Burwell

resume@benburwell.com • www.benburwell.com • (609) 405–1361 • github.com/benburwell

Professional Experience

- **Associate Developer** at **Trifecta Technologies** — Allentown, PA   *July 2015–present*
Designed, prototyped, implemented, tested, and deployed specification-compliant software. Quickly developed expertise in new languages, tools, and platforms as needed for client projects. Communicated with internal and client stakeholders to determine business requirements and document technical solutions. Efficiently investigated and resolved issues arising in clients' production environments. Created and contributed to internal tooling to increase productivity when developing on the Salesforce platform. Designed and configured CI workflows with Bamboo.

- **Software Engineering Intern** at **Lutron Electronics** — Coopersburg, PA   *summer 2014*
Created Wireshark dissectors for proprietary network protocols to aid in diagnosing behavior during development and testing. Wrote external software to facilitate capture of serial data and created a plugin to stream the data for realtime analysis in Wireshark. Worked with the test team to integrate automated network captures with existing automated testing processes. Designed the technical solution, created design documentation, and provided a framework for future enhancement by implementing continuous integration/deployment workflows with Jenkins and git. Demonstrated applications of Wireshark to teams throughout the company, including software development, testing, and field service. Delivered a final presentation for review by senior technical staff.

- **Technical Support Specialist** at **Princeton Day School** — 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 such as imaging, inventory, and hardware upgrades on school workstations.

Education

- **B.S. Computer Science** at **Muhlenberg College** — Allentown, PA   *May 2015*
Magna cum laude (3.718) with Honors in Computer Science. Mathematics minor.

Technical Skills

- **Expert:** Node.js/JavaScript, Heroku, Apex/Visualforce, HTML, CSS

- **Practitioner:** Java, PostgreSQL, git, shell scripting, Angular, React, Redux, GNU/Linux, Jenkins, Bamboo

- **Novice:** Golang, Python, Ruby, C, LaTeX, Docker

- **Currently Learning:** Swift/iOS development, Angular 2

- **Areas of Interest:** Cryptography, Information Security, Mathematics, Public Health

Certifications and Memberships

- Salesforce Certified Developer

- Pi Mu Epsilon National Honorary Mathematics Society

- Omicron Delta Kappa National Leadership Honor Society

- Certified Emergency Medical Technician (EMT)