

# BEN BURWELL

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## Experience

- **Associate Developer at Trifecta Technologies** — Allentown, PA *July 2015–present*  
Designed, rapidly prototyped, implemented, and tested specification-compliant software to be delivered to clients. Delved into and understood complex business processes to optimize application performance. Quickly developed expertise in new languages, tools, and platforms as needed for customer projects. Communicated effectively with internal and client stakeholders to determine business requirements and document technical solutions. Streamlined, consolidated, and automated frontend build processes. Wrote and maintained an in-house utility to speed up common development tasks, and contributed to several others.
- **Software Engineering Intern at Lutron Electronics** — Coopersburg, PA *summer 2014*  
Wrote an in-house serial and TCP/IP network analysis tool for proprietary protocols to provide real-time insight into network activity during development, as well as providing tracability and verification for automated testing processes. Created design documentation, and designed and implemented continuous integration/deployment workflows. Presented demonstrations of the software and training on its use to stakeholders across the company. 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

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

## Technical Skills

- **Expert:** Node.js/JavaScript, Apex/Visualforce, HTML, CSS
- **Practitioner:** Java, PostgreSQL, git, shell scripting, Angular, React, Redux
- **Currently Learning:** Swift/iOS development, Angular 2, Golang
- **Areas of Interest:** Cryptography, Information Security, Mathematics, Public Health

## Certifications and Honors

- **Salesforce Certified Developer**
- **Pi Mu Epsilon National Honorary Mathematics Society**
- **Omicron Delta Kappa National Leadership Honor Society**
- **Certified Emergency Medical Technician (EMT)**