Ben Burwell

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Professional Experience

- **Associate Developer** at **Trifecta Technologies** — Allentown, PA *July 2015–present*
  - Designed, developed, tested, and deployed software for client projects on the Salesforce and Heroku platforms using Java, Apex, PostgreSQL, AngularJS, and Visualforce.
  - Implemented streamlined front-end build processes to replace ad-hoc resource generation.
  - Reduced run time of unit test suite by 30 minutes.
  - Created and contributed to various internal tooling for increased developer productivity in the Salesforce environment using Node.js and Go.
  - Achieved and maintained certification in relevant technologies.
  - Communicated with clients to determine business requirements and document technical solutions.
  - Investigated and resolved development issues arising in clients' production environments.
- **Software Engineering Intern** at **Lutron Electronics** — Coopersburg, PA *summer 2014*
  - Created Wireshark dissectors in C for proprietary network protocols to aid in the development and testing of new hardware and software.
  - Wrote software to capture and stream serial data to Wireshark for real-time analysis.
  - Helped integrate automated network captures with existing automated testing processes.
  - Created design documentation, and provided a framework for future enhancement by implementing continuous integration/deployment with Jenkins and git.
  - Demonstrated use of Wireshark to various teams throughout the company, including software development, testing, and field service.
  - Delivered a final presentation for review by senior technical staff.

Education

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

Technical Skills

- **Every day:** JavaScript (Node.js and browser), Apex/Visualforce, HTML, CSS, git
- **Several times per month:** Java, PostgreSQL, shell scripting, AngularJS
- **Some previous exposure:** Golang, Ruby, C, LaTeX, Docker, React, Redux, PHP, MySQL, D3.js

Certifications and Honor Societies

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