

# Brian Sheridan

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## Education

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### Drexel University

BS/MS, GPA: 3.55

Majoring in Computer Engineering; Minor in Computer Crime

Philadelphia, PA

September 2012 - June 2017

## Awards and Achievements

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- Eagle Scout, Boy Scouts of America, November 2011
- AJ Drexel Scholarship, Drexel University, Fall 2012 - Present
- Inducted IEEE-Eta Kappa Nu, Beta Alpha Chapter, November 2015

## Skills

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**Languages:** C/C++, Python, CUDA, L<sup>A</sup>T<sub>E</sub>X, Matlab, VHDL, Android, LabVIEW, Bash, Make, Awk

**Hobbies:** Home Brewing, Automation, Golden Monkey

## Experience

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### Drexel University

Help Desk Analyst

- Provide help desk support for the Lebow College faculty and students

Philadelphia, PA

August 2015 - Present

### Woodward McCoach Inc.

Embedded Software Engineer

- Developed embedded C driver code for high speed fiber optic switch and chassis managers
- Knowledge of the Linux kernel and development in a Unix environment
- Wrote test scripts in Python to test hardware functionality and regression testing
- Created I2C bus and ELF file analysis scripts with Python and L<sup>A</sup>T<sub>E</sub>X
- Performed quality assurance and testing on hardware in production

West Chester, PA

September 2014 - March 2015

### Allen-Sherman-Hoff

Electrical Designer

- Created and revised AutoCAD drawings for ASH handling systems, including: Elementary Wiring Diagrams, Control Panel Arrangements, Input/Output Wiring Diagrams, Logic Diagrams, and Terminal Block Arrangements
- Performed quality control testing for control panels and maintenance stations
- Wrote Visual Basic Application and AutoLISP scripts to automate tedious tasks in AutoCAD

Exton, PA

September 2013 - March 2014

### Innovative Solutions & Support

Software Test Engineer

- Tested embedded C software functionality through visual, manual and automated testing
- Wrote and edited Excel based test scripts for use with their automated testing program
- Maintained documentation and tracing in compliance with Federal Aviation Administration through Doors 8.3
- Wrote and verified software bug reports with Seapine TestTrack

Eagle, PA

June 2013 - September 2013

## Relevant Coursework

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|------------------------------------|--------------------------------|----------------------------|
| ◦ Parallel Computer Architecture * | ◦ High Performance Computing * | ◦ Systems Programming      |
| ◦ Design with Microcontrollers     | ◦ Computing in the Small *     | ◦ Internet Of Things       |
| ◦ Computer Architecture            | ◦ Intro to Computer Networks   | ◦ Digital Systems Projects |

\* Denotes Graduate Coursework