Brian Sheridan

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Education

Drexel University   **Philadelphia, PA**
BS/MS, GPA: 3.55   *September 2012 - June 2017*
Majoring in Computer Engineering; Minor in Computer Crime

Awards and Achievements

○ 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

Computer Skills

Languages: C/C++, Python, CUDA, LaTeX, Matlab, VHDL, Android, LabVIEW, Bash, Make, Awk
Software: VIM, Git, GDB, Linux, Visual Studio, Vivado, ModelSim, PSpice, DOORS 8.3, Bazaar

Experience

Drexel University   **Philadelphia, PA**
Help Desk Analyst   *August 2015 - Present*
○ Provide help desk support for the Lebow College faculty and students

Woodward McCoach Inc.   **West Chester, PA**
Embedded Software Engineer   *September 2014 - March 2015*
○ 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 LaTeX
○ Performed quality assurance and testing on hardware in production

Allen-Sherman-Hoff   **Exton, PA**
Electrical Designer   *September 2013 - March 2014*
○ 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

Innovative Solutions & Support   **Eagle, PA**
Software Test Engineer   *June 2013 - September 2013*
○ 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

Relevant Coursework

○ 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