Brian Sheridan

14 Glen Loch Way, Malvern, PA 19355 - 484.614.0828 - bts37@drexel.edu

---

Education

Drexel University, Philadelphia, PA
B.S & M.S. in Computer Engineering, Anticipated Graduation - June, 2017
Minor: Computer Crime, Cumulative GPA: 3.55

Honors and Awards

A. J. Drexel Scholarship , Drexel University, Fall 2012 - Present
Eagle Scout, Boy Scouts of America, November 2011

Skills

Programming Languages: C, Python, LaTeX, C++, Matlab, Arduino, Bash, Make, Awk
Software: VIM, Git, Linux, Visual Studio, PuTTY, Seapine Test Track, Bazaar, Excel

Relevant Coursework

Parallel Computer Architecture*	High Performance Computing*	Systems Programming
Design with Microcontrollers	Computing in the Small*	ST: Internet Of Things
Computer Architecture	Intro to Computer Networks	Digital Systems Projects
* Denotes Graduate Coursework		

Work Experience

Woodward McCoach Inc., West Chester, PA
Software Engineer, September 2014 to March 2015
- Developed embedded C code for fiber optic switch and chassis managers in a Unix environment
- Wrote test scripts in Python to test hardware functionality and regression testing
- Created report generation scripts in Python and LaTeX
- Performed quality assurance and testing on hardware in production

Allen-Sherman-Hoff, Exton, PA
Electrical Designer, September 2013 to 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 to 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 problem reports with Seapine TestTrack

Freshman Design Project

Drexel University, Philadelphia, PA
Head Programmer/Electrical Designer, April 2013 to June 2013
- Designed a wrist bound bio-sensing device which monitored pulse rate, galvanic skin response, and hand movement to detect hypoglycemia in diabetics
- Utilized Arduino to monitor sensors and to connect to users phone through bluetooth

• Programmed Android app to pair with an Arduino to alarm if sensors detect hypoglycemic symptoms