Steven Calhoun

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Education

Bachelor of Science in Computer Engineering (May 2015)
Mississippi State University: Mississippi State, MS
Overall GPA: 3.68/4.00
GRE Score - Writing: 3.5/6.0. Verbal: 157/170. Quantitative: 161/170.

Honor College Study Abroad Program (Summer 2013)
Oxford University: Oxford, England

- Ten person MSU study abroad program only open to Shackouls Honors College students.

- Studied C.S. Lewis through the Oxbridge tutorial system under Dr. Michael Ward.

- Studied art and historical objects through Mississippi State University.

Research Experience

MSU Center for Advanced Vehicles (July 2014—Present)
200 Research Blvd Starkville, MS 39759

- Worked under Dr. Cindy Bethel and Dr. Chris Archibald doing research work for MSU's CAVS.

- Contributed to the development of simulations for Robot Mobility Testing and Evaluation.

- Used a Monte Carlo approach to generate multiple iterative sequences of simulations.

Work Experience

ADTRAN Co-op Student (Third Term, August 2013—December 2013)
901 Explorer Boulevard Northwest Huntsville, AL 35806
Enterprise Network Division IP Business Gateways Team

- Worked primarily with C++ in a Linux development environment as a part of an Agile team.

- Learned the fundamentals of operating systems and how to implement them.

- Responsible for designing the architecture of new features for ADTRAN's Operating System.

- Fully implemented and tested three new features requested by a client.

ADTRAN Co-op Student (Second Term, January 2013—May 2013)
901 Explorer Boulevard Northwest Huntsville, AL 35806
Carrier Network DSLAM Module Access Team

- Worked in an Agile team with eight other engineers.

- Implemented the Web GUI for ADTRAN Carrier Network products using JavaScript

- Developed several new features to help configure ADTRAN products via the Web GUI.

- Taught a team of full time engineers how to maintain the Web GUI before leaving.

ADTRAN Co-op Student (First Term, May 2012—August 2012)
901 Explorer Boulevard Northwest Huntsville, AL 35806
Enterprise Network Product Qualification

- Worked on the team responsible for reporting any bugs before public release.

- Learned about the OSI model, networking protocols, and the fundamentals of data communication.

- Implemented tests with iTest, Tcl/Expect scripts, and a POE testbed for in-house testing purposes.

Honors

- Member of Shackouls Honor College at Mississippi State University

- Scholarships - Mississippi Eminent Scholars Grant, MSU Academic Scholarship, and Chevron Study Abroad Scholarship.

- Eagle Scout - Through Troop 8 Jackson, Mississippi.

Skills

- Programming Language Skills - Proficient Ability programming in Python, C/C++, HTML/CSS, JavaScript, PHP, and SQL.

- Development Experience developing in a Windows, Linux, and Mac environments.

- Development Skills - Experience developing at a Terminal prompt as well as various IDEs (Xcode Eclipse, and Visual Studio) and text editors.