**Michael Guy Harrison**

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315 S Gay St 885 Shades Crest Road Auburn, Alabama 36830 Birmingham, Alabama 35226

205-516-3702 (cell)

E-mail: mgh0010@auburn.edu

***Education***

Auburn University – Auburn, Alabama

Bachelor of Software Engineering (closely related to Computer Science)

Current Status: Senior

***Experience***

ADTRAN – Huntsville, Alabama

Co-op in User Experience – Full-time (May 2016 – August 2016)

* Design User interfaces per User Experience guidelines for several widgets in ADTRAN's MOSAIC framework. Design these widgets by means of heavy research, user testing, gathering feedback, drawing mockups, presenting mockups, and refining designs to best meet user needs.

Co-op System Software Team Engineer – Full-time (August 2015 – December 2015)

* Optimize current data structure algorithms in C++ and C using STL containers. Construct more efficient data structure for OS timer handling and implement into the existing kernel code. Write many tests for own code with gtest framework.

Co-op Systems Design and Verification Test Engineer – Full-time (January 2015 – May 2015)

* Work closely with a Triple Play Testbed. Upgrade the network, configure new services and write python scripts and python app to speed up redundant interaction with testbed and other telnet accessible lab equipment.

***Skills***

* Leadership, organization, presentation, and cooperation
* Operating systems and software knowledge includes: Linux, Windows, MAC OS, Virtual machines, Git, Github, Jetbrains IDE's, Perforce, Greenfoot, Solid Edge, and Microsoft Office Professional package
* C, C++, JAVA, Swift, Python, and Ruby programming languages
* HTML, CSS, JavaScript, jQuery, AngularJS 2+, Wordpress, Ruby, Rails, Materialize, Bootstrap used for website creation
* Mobile app development with Android Studio(Java) and XCode(Swift 2/3)

***Achievements and Involvements***

* National Society of Collegiate Scholars (Auburn University Chapter)
* Social Chair for Tau Beta Pi (Engineering Honor Society)
* Eagle Scout Award – Boy Scouts of America, 2012 (Troop 81 – Homewood, Alabama)
* Auburn Christian Fellowship – Daily involvement in its leadership community
* Member of AU Singers and Auburn University's men's chorus
* Service with Cornerstone Methodist church youth on Sundays
* Summer Service with Winshape Camps for Communities at Cobb
* Alabama Power Founders Scholarship
* Engineering Council of Birmingham Scholarship
* Founders Scholarship (Auburn University)
* Auburn Jiu Jitsu and Auburn MMA involvement