Michael Oles

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EDUCATION

University of Pittsburgh Dietrich School of Arts & Sciences | Pittsburgh, PA
Bachelor of Science in Computer Science | Expected Graduation - April 2017
GPA: 3.37 (3.45 in major)
Minor in Fitness
- Fall 2014, 2015 & Spring 2016 Deans List

COMPUTER SKILLS AND COURSEWORK

Experience Coding:	Java, C, C++ (QT), HTML, CSS, JavaScript (JQuery), Awk, MIPS, PHP, Ruby On Rails
Systems/Programs:	Git, Windows, Linux/Unix, Android Studio, Logisim, Cocos2d, MS Office
Concepts:	Object Oriented Design, Data Structures, Operating Systems, Memory Allocation, Recursion, Searching/Sorting Algorithms, Complexity, Reflection, Threading
Courses Taken:	Operating Systems, Algorithms, Data Structures, Systems Software, Java, QA Assembly Language, Formal Methods, Simulation, Android, Web Development

PERSONAL AND CLASS PROJECTS

Dot App – Personal Project - Fall 2015/Spring 2016
- Working with three other Pitt student to create an app to allow students to buy and sell items with each other. Learning Ruby and Rails as well as CSS and JavaScript to build website.

File Systems – Operating Systems – Fall 2015
- Built a Linux file system that stores and keeps track of directories and file data on disk in C

Airport Simulator - Simulation – Spring 2016
- Wrote code in Java using statistical distributions to model arrivals at and movement through an airport. Ran simulations to minimize wait time and maximize airline profit.

Boggle Game - Algorithm Implementation - Spring 2015
- Used recursion, backtracking, and de la Briandais tries to search for word combinations in Java

WORK EXPERIENCE

University of Pittsburgh Computing Services | Pittsburgh, PA - January 2016 - Present
Computer Lab Consultant
- Gained experience with basic troubleshooting and problem solving.

Avarint | Buffalo, NY - Summer 2016
Software Engineering Intern
- Used object oriented programming to write C++ code for our software applications.
- Wrote automated QA testing, made awk scripts for statistical analysis, and created GUI's.

Try-It Distributing | Lancaster, NY - Summer 2015
Merchandiser

Lowe's Home Improvement | Williamsville, NY - Summer 2014
Unload Team, Assembly

STUDENT ACTIVITIES

2016 Randall Big Idea Competition Finalist
2016 Penn Apps Hackathon
2013-2014 Pitt Computer Science Club, 2016 Newman Club
WNY Heroes Volunteer