John Robison

750 Corder Road, Apartment 80 • Warner Robins, GA 31088 • 678-768-5309
John.Charles.Robison@live.mercer.edu • https://github.com/jrobison93

Engineering Knowledge
- Software development in a wide variety of programming languages
- Design and maintenance of software systems
- Proficiency in team-based problem solving

Education
Will graduate from Mercer University in May of 2016 with:
- Bachelor of Science in Computer Engineering
- Masters of Science in Software Engineering
- Computer Science Minor
- Current GPA: 3.600

Work Experience
- **Georgia Tech Research Institute** (November 2013 - present)

Code Review/ Bug Fixes	Software Development: C#, C++, Objective-C
Document Creation/ Revision	Software Testing

- **Mercer University** (May 2014 - present)
  - Teacher's Assistant for ECE 322 (Digital Logic)
  - Teacher's Assistant for ECE 424/ 524 (Digital Design with VHDL)
  - Teacher's Assistant for ECE 425/ 525 (Computer Architecture)
  - Teacher's Assistant for ECE 428/ 528 (Embedded Systems)

Skills/ Tools

Android	C#	Objective-C	UML
Assembly	Eclipse	Parallel Computing	Unity
Bash	Git	Python	XCode
C	Java	VHDL	
C++	Microsoft Office	Visual Studio	

Senior Design
- Worked in a team of three to create a variable grip robotic hand
- Created a control system using an Atmel microcontroller and the C++ programming language to process and respond to filtered muscle signals

Related Course Work
Completed Courses:

Android Game Development	File Structures and Advanced Algorithms (C++)
Artificial Intelligence	Intro to Python
Computer Architecture	Microcomputer Fundamentals (Assembly)
Computer Networks	Object Oriented Design II (Java)
Computer Security	Object Oriented Project Methods (C#)
Data Structures and Algorithm Analysis (C++)	Operating Systems (C)
Digital Design with VHDL	Parallel Software (C)
Digital Logic	Programming 1 & 2 (Java)
Embedded Systems	Senior Design

Current Courses:

Advanced Graphic Interfaces (Unity)	Engineering Data Visualization (Python)
Advanced Robotic Interfacing	Organization of Programming Languages

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Activities / Achievements

- GTRI Spot Award for Outstanding Employee Contributions (October 2015)
- Mercer IEEE Student Branch Treasurer (August 2015 – present)
- Swarm Bots Ground Control Station (August 2015 – present)
  - Received a fellowship from NASA for performing research into Swarm Robotics.
- Maker Education Scholarship Program (May 2015 – present)
  - Served as a student leader for Project Renaissance with Spark Macon and Real I.M.P.A.C.T Center
- Completed the Udacity Developing Android Apps course (2015)
- Competed in the IEEE Southeast Con Software Competition (2014 & 2015)
- Mercer University Programming Team [Binary Bears] (2013 - present)
  - Assistant Coach (January 2015 - present)
  - Placed first in the Mercer University Spring Programming Competition (2015)
  - Competed in the ACM ICPC Southeast USA Programming Competition (2014)
  - Placed sixth in the CCSC Southeastern Regional Programming Competition (2014)
  - Competed in the Mercer University Spring Programming Competition (2013, 2014)
  - Placed second in the CCSC Southeastern Regional Programming Competition (2013)
- Mercer University Google Developers Group (2012 - present)
  - Presented an introduction to Git (2015)
  - GDG Android Study Jam Facilitator (2015)
  - Presented a lecture on Google Chrome Extensions (2014)
- Woodstock High School Technology Student Association (2009 - 2011)
  - Competed in the National TSA competition for VEX Robotics in Baltimore (2010)