

MITCHELL A. WEBSTER

9985 Nature Mill Road, Johns Creek, GA 30022 • 770.329.3125 • mitchell.a.webster@gmail.com

OBJECTIVE

Bachelor of Science in Computer Science degree candidate with skills in programming, web and application development, and communication pursuing opportunities to gain new experiences and improve my existing abilities.

EDUCATION

Georgia Institute of Technology, Atlanta, Georgia

Aug 2013 - Present

Candidate for Bachelor of Science in Computer Science

Expected Graduation: May 2017

Concentration in Devices and Systems/Architecture

GPA: 4.0

RELEVANT SKILLS & EXPERIENCES

Languages: Java, C++, C, SQL, MATLAB, MIPS Assembly, HTML5, CSS, JS, JQuery, and Python
Software: Linux/Unix, Microsoft Windows, Adobe Creative Suite, Android Studio, Eclipse, Processing, Arduino
Affiliations: Sigma Phi Epsilon Fraternity, Student Center Expansion Committee (SCEC), IEEE Innovation Team
Interests: Computer Design/Construction, Wearable Technology, Big Data Manipulation, Data Security

EMPLOYMENT & INTERNSHIP EXPERIENCE

ECE 2035 Undergraduate Teaching Assistant

January 2015- Present

Topic: Programming Hardware and Software Systems

- Teach students about C and Assembly level programming as well as how these programming languages are utilized to create more complex data structures and functions for various types of hardware
- Reinforced concepts including general programming, Stack, Heap, and Hash Tables in both MIPS assembly and C, as well as programming techniques for optimizing efficiency

NCR Corporation, Duluth, GA

May – August 2014

Enterprise Services Application Developer Intern

- Designed, built, and tested prototype mobile application, which provided a high-level graphical overview of a customer's ATM data using Java, HTML 5, CSS, AngularJS, and SQL
- Helped design NFC interface for more efficient data exchange for an existing diagnostic tool using native Android development, Java, and SQL

PROJECTS

Shopping With Friends Android Application

- Building Android application that focuses on "Shopping Socially," and leverages social media and mobile devices to provide useful and reliable shopping information
- Utilizes Google Play and Facebook API's, MySQL, and Java to provide various functionality including: user authentication, managing friends, reporting a sale, finding sales around you, and providing sale feedback

NFC Check-In Desktop Application

- Developed desktop application using Java/JavaFX 8, MySQL, Wamp, and Arduino that applied NFC and Serial communication to authenticate identification, update registration status, and export this data to a variety of sources

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Georgia Tech Interfraternity Council

December 2014-Present

Vice President of Communications

- Collaborated with individual chapters and executive board to develop additional user content for website and ensured the current site content is updated regularly
- Wrote documentation to more efficiently use and update Guidebook application, which is the primary medium of communication with potential new members during recruitment

Student Government Association (SGA)

January - December 2014

Volunteer IT Analyst

- Implemented D3.js data visualization to better demonstrate the results of the GT Tobacco Survey, the results of the GT Tobacco Survey were one of the factors in moving towards a tobacco-free campus
- Worked with other IT Specialists in updating JacketPages and Course Critique, these changes allowed better user experience and more reliable information for SGA members as well as everyday students