

MITCHELL A. WEBSTER

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OBJECTIVE

Bachelor of Science in Computer Science degree candidate with skills in programming, web/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 Information Internetworks and Systems/Architecture

GPA: 4.0

RELEVANT SKILLS & EXPERIENCES

Languages: Java, C/C++, JavaScript, MATLAB, Assembly, Ruby, Python
Web Development: HTML5, CSS3, AngularJS, NodeJS, MongoDB, ExpressJS, JQuery, LESS/SCSS
Affiliations: Sigma Phi Epsilon Fraternity, Student Government Association (SGA)
Interests: Computer Design, App Development, Web Development, Big Data Manipulation, Data Security

EMPLOYMENT & INTERNSHIP EXPERIENCE

Automatic Data Processing (ADP), Alpharetta, GA

June – August 2015

Web Portal Development Intern

- Wrote an API for integrating data from agile tracking software, continuous integration tools, and internal sites using MongoDB, NodeJS, ExpressJS, and AngularJS
- Developed Internal Tool for monitoring disjointed systems crucial to an upcoming software release using Dashing, Ruby, CoffeeScript, HTML, AngularJS, and SCSS
- Debugged errors and wrote unit tests/e2e tests for ADP's Document Cloud Service using AngularJS, Protractor, and Jasmine

NCR Corporation, Duluth, GA

June – 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

Prox-1

May 2015- Present

Georgia Tech Research project focused on automatic trajectory control

- Designed protocol using C for transmitting encrypted messages efficiently between the satellite and the ground station
- Leveraged research on UDP and TCP/IP to develop a custom protocol tailored to the satellite's high packet loss environment

Shopping With Friends

January 2015- May 2015

Android Application prototype designed to enhance local shopping through social media

- Utilized Android, Google Play Services, and the Google Maps API to develop a social media driven user interface
- Wrote REST API connected to a MongoDB instance for storing records and delivering content

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

ECE 2035 Undergraduate Teaching Assistant

January 2015- Present

Topic: Programming Hardware and Software Systems

- Helped students learn 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

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