**Adam Carroll**

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**OBJECTIVE**

To obtain a position in the engineering or web development field and help shape the future of technology, with the eventual goal of advancing to a team lead or managerial role.

**EDUCATION**

**Master of Science in Computer Engineering** **May 2015 (expected)**

Clemson University — Clemson, SC **GPA: 4.00**

* Teaching Assistant (Microcontroller Interfacing, Computer Organization)
* Researcher for the Pervasive Communications Laboratory
* Secretary/Treasurer and Volunteer for Cross Impact (Student org.)
* IEEE Competitive Programming Team Member

**Bachelor of Science in Engineering** **May 2013**

Bob Jones University — Greenville, SC **GPA: 3.86**

* BJU Outstanding Student in Physics and Engineering Award Recipient
* BJU Competitive Programming Team Member
* Passed the Fundamentals of Engineering Exam
* Volunteer for the Greenville County Recreation District

**EXPERIENCE**

**Web Developer** — Domain Superstar LLC — Telecommuting 2012-Present

* Worked on the WeightTraining.com website, written using Ruby on Railswith SASS

and JQuery implemented for the user interface (among other languages)

* Extensive work on both the back-end code and front-end css to replicate Photoshop wireframes
* Redesigned and implemented a new checkout system for making online purchases

**Teaching Assistant** — Clemson University — Clemson, SC 2013-Present

* Taught 6 lab sections for Microcontroller Interfacing (ECE 372)
* Taught 3 lab sections for Computer Organizaiton/x86 Assembly (ECE 273)

**Technology Assistant Crew Chief** *—* Bob Jones University — Greenville, SC2012-2013

* Responsible for training and managing as many as 11 staff members, coordinating worker schedules,

overseeing special shifts, and handling maintenance issues in the computer science labs

* Developed management and relational skills

**Software Engineering Intern** — AAI Corporation (Textron Systems) — Goose Creek, SCSummers 2010/11

* Developed a maintenance-training simulator for the DOD F-35 Joint Strike Fighter program
* Performed research for the TH-57 helicopter simulator IR&D project
* Worked alongside the customer for on-site testing and analysis
* Gained experience with project management, code/script testing, and ITAR
* Gained programming competency with C++ and the Microsoft Visual Studio IDE

**TECHNICAL SKILLS**

**Programming Experience**

* Ruby on Rails
* C / C++
* HTML and CSS / SASS
* Javascript / JQuery / CoffeeScript
* Intel x86 Assembly
* Git / Source Control

**Projects**

* *Q/A Project* – Designed and operated a website for a personalized question/answer social network (like Yahoo! Answers). The framework is Ruby on Rails with Bootstrap used for a styling backbone.
* *80Sim86 Simulator* – Designed and coded a learning simulator for the Intel 8086 Assembly Language using C++ and Microsoft Visual Studio. The simulator is used by Bob Jones faculty to aid student instruction and learning.
* *Knock Activated Door Opening Device* – Constructed and implemented a remote door opener that will open a door given a pre-programmed secret knock. All processing and logic was supplied by an Arduino Uno.
* *Hero[0] Computer Game* – Team fully designed and produced an animated computer game using C++ and the Borland Turbo C++ development engine.