

KELCY NEWTON

SOFTWARE ENGINEER

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EDUCATION

Georgia Institute of Technology

Bachelor of Science in
Computer Science

Expected Graduation: May 2017

GPA: 3.56

Threads: People & Information
Internetworks

Study Abroad: Barcelona
Summer Program 2015

SKILLS

Java
C#
Python
HTML
CSS
JavaScript

PROJECTS

Xbox Kinect Joint Analysis

Created a computer program in C# to analyze alignment of body parts and joints while in motion to help dancers and gymnasts.

RELATED COURSEWORK

Data Structures and Algorithms
Computer Organization and
Programming
Combinatorics
Objects and Design
Digital Design Lab
Algorithms
Computer Networking I

WORK EXPERIENCE

JUNIPER NETWORKS

Systems Engineering/Automation Intern

Sunnyvale, CA

May - August 2016

- Worked with another intern to develop a proof of concept for the use of SaltStack technology within the Automation Team
- Created back-end Event Driven Infrastructure (EDI) and front end web solution to show ability to utilize SaltStack for the configuration and update of Juniper devices
- Presented final project at the Systems Engineering Tech Summit in Orlando, Florida which is attended by all of Juniper's major SE's and SE Leadership

CONOCOPHILLIPS

IT Integration Intern

Bartlesville, OK

May - August 2014

- Developed backend C# and JavaScript programs to extract, decode, and display user data from Garmin fitness devices
- Collaborated with two other interns to integrate backend and front end web MVC solutions

GOOGLE

Computer Science Summer Institute Attendee

Boston, MA

August 2013

- Received intensive training in HTML, CSS, Python, and JavaScript
- Created a web application that matches the user to a dog breed based on personality traits and user answers
- Took technical classes taught by Google Engineers and presented a final project to a board of Google experts

LEADERSHIP

GEORGIA TECH CAREER FAIR EXECUTIVE BOARD

Facilities and University Recruiter Coordinator

Atlanta, GA

June 2014 - Present

- Coordinated all breakfast and lunch logistics for university recruiters from over 300 companies
- Planned and executed Recruiter/Student Banquet
- Worked directly with University Recruiters from various companies to ensure they were successful at the career fair

RAMBLIN' RECK CLUB

Public Relations Chair and Technology Chair

Atlanta, GA

January 2015 - Present

- Handle all Social Media Accounts for the Club
- In charge of Club's outward appearance to Georgia Tech Students and Faculty
- Developed Alumni/Member Networking Site

ALPHA CHI OMEGA

VP New Member Education

Atlanta, GA

December 2014 - December 2015

- In charge of educating and acclimating 65 new members into the sorority
- Planned two major events for entire chapter of 180 women