Anthony Introne

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EDUCATION

Bachelor of Science: Computer Science Expected Dec 2019
University at Buffalo, The State University of New York
ACM Member

Associate of Science: Computer Science Graduated May 2014
Fulton Montgomery Community College

PROJECT EXPERIENCE

Publisher/Subscriber Web Application Using Docker: Oct 2018 – Dec 2018

- Designed a Front-End web interface to allow users to: subscribe to their preferred topics, and to publish to those topics
- Implemented the Back-End (functionality) all in Docker Environment
- Containerization was used, and had the following containers: Redis, Multiple Node.js

Web Application for Code Input Using Docker: Oct 2018 – Dec 2018

- Designed a web interface that takes in Python, Java or C++ code and executes the code and displays its intended results
- Implemented Docker containers that ran the code and communicated the result back to the server

Navigating Web Application: Aug 2018 – Oct 2018

- Developed a MEAN stack that displays directions and weather conditions to a destination in JavaScript
- Implemented the Front-End with Angular.js and the runtime environment Node.js
- Constructed the Back-End with MongoDB (NoSQL Database)
- Assembled all the components on the Express.js web framework
- Utilized Google Maps and Weather Service APIs

Suggestive Spellchecking Text Assistant: Mar 2018 – Present

- Programmed in C++ while using built-in standard libraries
- Designed such that a user inputs a word that needs to be corrected, it will then output the possible correct word for the user

Solitaire Card Games: Baker's Dozen, FreeCell, and Ace's Up Sep 2017 – Mar 2018

- Programmed in Java while using built-in standard libraries
- Utilized Object Oriented Programming
- Implemented the Graphic User Interface with Java Swing

WORK EXPERIENCE

Software Engineering | Undergraduate Teacher Assistant | University at Buffalo Sep 2018 – Present

- Supervising a technical team of students (4 – 5 members)
- Conducting weekly progress meetings with student groups for their project
- Grading the student's group course project in sprints

Digital Systems | Undergraduate Teacher Assistant | University at Buffalo Jan 2018 – May 2018

- Directed recitation/labs, review sessions, and office hours for a class size of 170 students
- Graded 10 homework and 11 lab assignments in a 15-week semester
- Tested hands-on circuit boards each week for a correct output of logic gates

TECHNICAL SKILLS

Languages:

- Java
- C++
- Python
- JavaScript
- HTML, CSS

Courses:

- Digital Systems
- Computer Organization
- Data Structures
- Distributed Systems
- Algorithms
- STEM Communications