Ryan Callahan

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EDUCATION

Bridgewater State University, Bridgewater, MA   Anticipated Graduation – May 2022
Bachelor of Science degree in *Computer Science*
Minor in *Mathematics*
Honors: Dean's List, Major GPA: 4.0, Overall GPA: 3.6
Coursework: Data Structures and Algorithms, Computer Science I & II, Intro to Computer Organization

RELATED EXPERIENCE

Full Stack Software Developer, Sovos Compliance, Wilmington MA   *June – August 2019*

- Upgraded and developed value added features through front end, back end, and database modifications and additions
- Implemented Quality of Life improvements to enhance user experience
- Worked with and learn from team members to develop working relationships and leverage our shared knowledge to improve our products

Computer Science Tutor, Academic Achievement Center, Bridgewater State University   September 2019 – present

- Tutor college students 1 on 1 in order to achieve a better understanding of computer science I and II
- Create strategies to help students individually based on their needs
- Reinforce core principles of object oriented programming and basic coding

Peer Assist Leader, Department of Computer Science, Bridgewater State University   January – May 2019

- Assisted up to 20 students weekly with questions, visualization of coding basics, and homework assignments for Computer Science I
- Maximized sessions to respond to a range of learning styles
- Hired based on recommendation of Computer Science faculty and academic performance in major

TECHNICAL SKILLS

Languages: Java - Python - JavaScript - PLSQL - C# • Libraries: React - Redux - Redux-forms - Spring - Asp.Net • Other: Rest Api - Material UI - OracleDB - micro-services

Projects

Movie Review Site: Currently a work in progress, planning on creating a website using React, ASP.NET, MongoDB, and My SQL. Currently finished researching and creating documentation for my API's based on the OpenAPI v3 spec and beginning to create endpoints within my microservices.

Portfolio Website: Applied the skills I learned through my internship at Sovos to create a website using React that will be used in the future to showcase my other projects. Link To Site

Arduino Doorbell: Created an arduino door alarm that plays a randomly selected .wav file from a sd card through an 8ohm speaker and amp.