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, Networking

RELATED EXPERIENCE

Full Stack Software Development Intern, 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

Programming Assistant**, Resident Life and Housing,** Bridgewater State University — August– December 2019

- Created a safe environment for science and math LLC (Living Learning Community) on campus
- Planned, coordinated, and executed structured events to promote growth in the science and math LLC
- Gathered and implemented feedback from the communities to create more productive, friendly and accessible faculty connections among students

Review This!**,** Personal Project, Link to Repo — October 2019 - present

- Using MongoDB, Asp.net, and React created a movie review website
- Focus on maintainability of codebase and efficiency of api requests

Defeating Mac Address Randomization**,** Directed Study — November 2019 - present

- Collected mac address data by monitoring public areas on campus
- Researched mac address randomization techniques and identified vulnerabilities
- Implemented de-randomization techniques and tested viability in a real world setting

TECHNICAL SKILLS

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