Fadi Alrabadi

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OBJECTIVE

Reliable and detail-oriented programmer seeking a challenging and rewarding software engineering opportunity to use and grow my technical skills.

EDUCATION

Ohio University   Athens, OH
Bachelor of Science in Computer Science   *Jan 2020 – Apr 2022*

Columbus State Community College   Columbus, OH
Associate of Science in General Studies   *Aug. 2014 – May 2019*

PROJECTS

Bobcat Study
Node.js, React, Express.js, Javascript, HTML5/CSS3, Python, Firebase, Git   Aug 2021 – Apr 2022
- Application that uses infrared sensors to detect motion within select study rooms and updates the app in real-time to show whether the specific room is available, occupied or closed
- Implemented options for users to favorite a room, subscribe to email notifications when a room becomes available, as well as administrator privileges i.e. adding, removing and closing rooms
- Developed this full-stack web application using Node.js serving as a REST API with React as the frontend
- Implemented email notifications, user authentication and data storage using Firebase

Path Finding Visualization
Visual Studio, C++, olcConsoleGameEngine   Jan 2021 – May 2021
- Developed a maze generator and solver that uses different algorithms to compare and contrast the speeds between algorithms
- Visualization implemented used oclConsoleGameEngine, which visualizes the paths that each algorithm takes
- Algorithms used: Dijkstra's, Depth First Search, Wall Follower, and Rat in a Maze

My Portfolio
Node.js, React, Express.js, HTML5/CSS3, Bootstrap, Git Pages/Actions   May 2022 – Aug 2022
- Developed a fully responsive portfolio website, that includes my resume, a brief introduction and some of my past projects and current projects I am working on.
- Hosted with Github pages, can be found here: falrabadi.github.io

TECHNICAL SKILLS

Languages: C, C++, Java, Python, SQL (MySQL, PostgreSQL, SQLite3), JavaScript, HTML5/CSS3, R, Unix Programming
Frameworks: React, Node.js, Angular, Next.js, Express.js
Developer Tools: Git, VS Code, Visual Studio, Eclipse
Operating Systems: Windows, Linux, MacOS, iOS, Android