Michelle McGowan

Software Engineer

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EXPERIENCE

UNLV FIA — *Full Stack Software Engineer Intern* — 2023 - 2024

- Improved performance issues by addressing software bugs and adding new features to increase efficiency by 4.5 seconds using HTML/CSS and Javascript
- Added functionality for administrators to turn off certain features using C# and SQL
- Enhanced application's UX to improve user satisfaction and boosted capability using Javascript, Angular, TypeScript, and Spring Boot by developing code to generate reports with data accessible in Excel
- Developed an email system for users using C# for trainers and management to increase response time
- Refactored search functionality to have multiple column value search and multi-term global search using Typescript and Java

Nevada National Security Site — *Full Stack .NET Application Development Intern* — 2022

- Built a web application that was pushed to production using C#, HTML/CSS, and the Blazorise Library for users to submit ideas and documents to management
- Created an SQL database to store data submitted from the application
- Developed a scheduler to send notifications to users and management to review submissions
- Decreased management neglect in over 50 teams through the idea submission application

PROJECTS

Spotify Recommendation App — *Javascript, Pug, TypeScript*

- Uses first ten saved tracks to recommend songs based on a certain genre through Spotify API and Pug
- Created API calls to get artist, title, username, profile picture, and track previews to display to users

MUNCH — *TypeScript, Python, React Native*

- IOS and Android app to connect foodies and support small business across the world using React Native
- Developed user interface for home page, post page, and user account page using TypeScript
- Implemented API calls to get user profile, previous posts, and to save a new post using React Query and Mutation reques

EDUCATION

University of Nevada, Las Vegas — **B.S. in Computer Science, Minor in Mathematics** — 2020 - 2024

SKILLS

Strong
C#, Python, Angular, React Native, TypeScript, HTML/CSS , Java, C++, JavaScript

Experienced
Assembly x86, MIPS, Node.js, SQL, Pug, Spring Boot