Jacob Roseboro

Full Stack Developer

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Education

12/2021	**Bachelor of Science, Computer Science,** *Western Governors University*

Professional Experience

08/2021 – present

Full Stack Developer, *OxeFit*
- Engineer secure REST APIs utilizing C# and the .NET5 Framework.
- Develop captivating user interfaces with TypeScript, Angular, React, and React Native.
- Maintain automated unit and integration tests with xunit, Postman, Cypress, and Angular Testing Library.

06/2021 – 08/2021

Web Manager, *Footbridge Media*
- Oversaw maintenance of 100+ customer sites, performing monthly site inspections for improved SEO.
- Revamped sites utilizing HTML, SCSS, PHP, JavaScript, and MySQL.
- Executed online marketing strategies for success

Projects

2022

Machine Learning Heart Disease Diagnosis,
Python, Flask, Heroku, PostgreSQL, SKLearn, Pandas, TypeScript, React, ChartJS ⧉
- Engineered a Flask API that took an input of 11 variables related to user health and implemented machine learning to predict the probability of user heart disease
- Developed a front-end in TypeScript and React that allowed a user to take a quiz that would utilize the Flask API to display the probability of heart disease and offer helpful tips to manage it.
- Visualize heart disease statistics using ChartJS

2021

WGUPS, *Python*
- Showcased data structures and algorithms skills,
- Implemented a variation of the nearest neighbor algorithm to find the nearest location for a delivery truck to deliver its next package.

2021

Appointment Manager, *Java, JavaFX, MySql*
- Designed a GUI that allows users to manipulate MySQL database data.
- Implemented the ability for users to add/modify/delete customers and appointments, create reports, and view a calendar of appointments.

Skills

TypeScript | JavaScript | C# | Python | Java | React | Angular | .NET5 | Flask | Git | MongoDB

MySQL | PostgreSQL