Payton Webb

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Work Experience

Software Developer (Fast Forward)   Sep. 2023 - Present

- Collaborated with a team of 5 members to fix bugs and make improvements to a navigation app.
- Utilized technologies such as Flutter, Kotlin, AWS, React, and various graphing libraries in the development process.
- Worked with an Asana board and Microsoft Teams to enhance project coordination and communication within the team.

Education

The University of Nebraska-Lincoln
Bachelor of Science in Computer Science
Expected Graduation: May 2024
Current GPA: 3.21/4.0
Summer 2021: Completed an intensive 15-week Data Structures and Algorithms course compressed into four weeks, achieving a remarkable score of 99 while dedicating over 40 hours per week to learning and coding.

Projects

Forge Fire Flashcards   Jan. 2023 - Jun. 2023

- Designed a personal flashcard application using React.js and JavaScript, hosted on a Virtual Machine with user data securely stored in a MySQL database.
- Currently improving UI and implementing AI algorithms to automate personalized flashcard set generation.
- Established and configured a Virtual Machine for website hosting, ensuring seamless user access.
- Developed a secure and efficient MySQL database, implementing data encryption and robust data handling procedures.
- Conducted extensive testing and debugging to ensure application stability and reliability.

ASP.NET MVC Sports Data Application

- Developed an ASP.NET MVC web application for sports data analysis and visualization.
- Utilized Beautiful Soup for web scraping to collect sports data, including team information, win percentages, and outcomes.
- Designed user-friendly views with interactive graphs using HTML, Razor syntax, and JavaScript libraries (e.g., Chart.js).
- Implemented a secure SQL Server Express database for data storage and retrieval.

Skills

Programming: Python, C#, C, Java, JavaScript, C++, Assembly, PHP, CSS, HTML

Web Development: React.js, MVC

Database: MySQL

Operating Systems: Windows, Unix, iOS

Networking: Cisco Switches

Development Practices: Agile, Git, ASP.NET

Mobile: iOS, Android, Flutter

Foreign Languages: Basic Spanish, Proficient German