Easton Thewes

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Education

West Virginia University   Morgantown, WV
B.S in Computer Engineering (ABET-accredited), GPA: 3.45/4.0   December 2022
Relevant Coursework: Intro to Software Engineering. Operating System Structures. Microprocessor Systems. Real Time Systems Development. Secure Software Development. Microcomputer Structures and Interfacing.

Technical Skills

Programming: C, C#, PHP, Java, Python, PL/SQL, JavaScript, TypeScript, HTML & CSS
Operating Systems: Windows, Linux
Technologies: Angular, React, Vue, .NET, NodeJS, GIT, VSCode, Visual Studio Code, AWS, MySQL,

Professional Experience

Encova Insurance   Charleston, WV
Application Developer Intern   May 2022 – December 2022

- Designed and implemented a new screen using AngularJS, TypeScript, and C# in the .NET framework to automate regulatory file processing and add quality of life features for internal tool users
- Evaluated existing applications and provide updates and modifications to meet business needs
- Provided user support for internal web applications

Project Experience

Senior Project: WVU EcoCar   Spring 2022 – Fall 2022

- Worked within the Human Machine Interfacing sub-team to design and develop an informational phone app to educate users on how to use Adaptive Cruise Control on the WVU EcoCar
- Analyzed User interface design standards to ensure the development of an accessible app
- Evaluated focus group feedback and applied changes based on the information provided to continuously improve the quality of the app

Operating System Project   Fall 2021

- Led a group of four students to create a basic operating system written in C, delegating tasks, and providing guidance to group members on how to complete the task
- Demonstrated working iterations on a bi-weekly basis to ensure sufficient progress and receive a grade based on amount of progress completed
- Formalized detailed documentation of the code for developers and thorough documentation of commands for users

Video Game Review Website   Spring 2021

- Collaborated with a group of six students to design and develop a website from the ground up using agile software development techniques
- Implemented web pages that allowed users to sign in, leave reviews, and display a personal profile that allowed other users to view using HTML and Bootstrap, PHP, and MySQL database
- Launched the website to Amazon Web Services (AWS) for the final presentation which allowed the site to be reachable to anyone on the internet

Interests and Hobbies

Computers, Filmmaking, Photography, Baseball, Bowling, Web Development