Shannon Kotraba

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◊ LinkedIn
◊ Portfolio
◊ GitHub

Coding Skills:

Languages: JavaScript, HTML, CSS, Python, C++, C#, SQL and PHP

Frameworks and additional familiarity: Node.js, React, API usage, Bootstrap, Sass, JQuery

Understanding of Object-Oriented Programming (OOP)

Linux, Mac, Windows

Version Control using Git

Soft Skills:

Ambitious with a strong desire to learn

Ability to understand and express technical information clearly, both orally and in writing, when reporting results and explaining procedures to others

Problem solving, patience and attention to detail while working

Ability to understand and solve simple to complex theoretical problems

Ability to perform advanced mathematics and statistical analysis

About Me:

Graduated from Appalachian State University with a Bachelor's in Chemistry. Currently going back to school for certificates and an associate's in programming & development while gaining experience working as an IT Technician. Experienced with Object-Oriented Programming, Front-End Development, scripting and IT fundamentals. A fast learner with strong troubleshooting and problem-solving skills and an analytical mindset.

Personal Programming Projects:

◊ Color Picker: A window that shows a color wheel and allows the user to select a color. Based on the user selection, two other colors are generated to show a triadic color scheme. The colors were calculated using properties of a triangle. This project taught me how to work with libraries and dependencies as well as computer graphics programming. Written in C++ using the SFML library for graphics.

◊ IT Simulator: A text-based game written in C# about my experiences working in IT. This project taught me a lot about design and state management. I created a map object that updates depending on what room the user is in, what computers they have completed, and what doors are unlocked based on their progress.

◊ Spanish Learning: Spanish learning is a website source provider for learning the Spanish language. This is a personal project that I created because I love learning Spanish in my free time. I provided some of my favorite learning resources and I created a JavaScript flashcard program for the user to test themselves on some basic Spanish questions. Link is available on my portfolio.

Relevant Experience:

◊ IT Technician at Jilasoan March 2020-current

- Developed and managed multiple Wordpress sites.
- General troubleshooting for Mac and Windows OS.
- Assisted clients with software and hardware issues
- Network set up and troubleshooting

◊ Internship as Analytical Chemical Technician at Pneuma Respiratory Fall 2019 September-December

- Produced and analyzed experiments using standard analytical laboratory equipment.
- Calculated and evaluated data to be in a presentable format.

Education:

- Bachelor's in Chemistry, Minor in Criminal Justice Appalachian State University (2019)
- Associates in Programming & Development Wake Technical College (In Progress)
- Associates in Health and Sciences American Military University (2014)
- Army 68W Medical Training San Antonio, TX EMT (2013)