Shannon Kotraba

Contact:

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LinkedIn

Portfolio

GitHub

Coding Skills:

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

Understanding of Object-Oriented Programming (OOP)

Linux

Versions Control Systems

Proficient with Excel, Word, PowerPoint, Photoshop

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

Comfortable with working with large amounts of data

Ability to understand and solve simple to complex theoretical problems

Ability to perform advanced mathematics and statistical analysis

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Junior Software Developer and former U.S. Army Medic. I have taken some time off after graduating to dedicate myself to improving my programming skills even further. I have had a mentor with a computer science degree help guide me. Experienced with Object-Oriented Programming and Front-End Development. Strong willingness to learn and master Full-Stack Development.

Personal 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. A useful program for artist and designers. The values were calculated using properties of an equilateral triangle. Written in C++ using the SFML library for graphics.

◊ 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 designed a theme centered around learning and provided some of my favorite learning resources. I created a JavaScript flashcard program for the user to test themselves on some basic Spanish questions. Link is available on my portfolio.

◊ Recipe Calculator

A console command program that takes user inputted information about ingredients and stores them in a recipe. The user can view the recipes and have the program calculate calories per servings or calories based on the weight of a given serving. Written in Python.

Experience:

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

  * Worked on a team to conduct and analyze experiments using standard analytical laboratory equipment. Organized data to be in a presentable format.

◊ Four years in the Army as a Healthcare Specialist 68W 2012-2016

  * Nine Months in Egypt providing first response security 2014
  * Worked as a team and individually to provide front gate security and tower
  * security
  * One-year Medical Clinical Experience 2015-2016
  * Worked under the supervision of a physician to provide patient care and organize and ensure appointments were done efficiently

◊ Student Veteran Receptionist at Appalachian State University 2018

Education:

◊ Bachelor's in Chemistry, Minor in Criminal Justice Appalachian State University (2016-2019) Related Coursework: Analytical Physics I & II, Calculus with Analytical Geometry I & II, Introduction to Statistics

◊ 68W Medical Training San Antonio, TX EMT (2013-2017)