Salomon Ulysse

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EDUCATION

University of Maryland Baltimore County   Baltimore, MD
Bachelor of Science in Computer Science   December 2020

Howard Community College   Columbia, MD
Associates of Arts in Computer Science   August 2018

SKILLS

Coding languages: Python, C++, C, Java, NASM, SQL, MATLAB, HTML/CSS, PHP, JavaScript, Ruby.

Development Tools: Visual Studio, VSCode, Atom, Eclipse, MySQL, PuTTY.

RELEVANT COURSEWORK

Artificial Intelligence	Computer Assembly Language Programming
Design and Analysis of Algorithms	Principles of Programming Language
Software Engineering	Data Structures
Database Management Systems	Differential Equations
Multivariable Calculus	Probability & Statistics
Scripting Languages	GUI Programming

PROJECTS

Pokémon Battle!:   July 2020
- A fan-made Pokémon game with traditional gameplay
- Made remotely in a team of 5
- Created using HTML/CSS, JavaScript, PHP, & MariaDB
- Implemented battle system in JavaScript

Patient eHealth Monitoring System GUI: June 2020
- Patient monitoring GUI designed for medical workers
- Made remotely in a team of 3
- Created using HTML, CSS/Bootstrap, & JavaScript/jQuery
- Implemented the GUI layout with HTML/Bootstrap, CSS, & JavaScript

DisGen: May 2020
- Redistricting/mapping software that prevents gerrymandering
- Made remotely in team of 6
- Implemented the database using MySQL, PHP, & Python

VST Synthesizer: October 2018
- Created using C++, Maximilian library, & JUCE framework
- Synth that outputs any combination of sine, triangle, square, & saw waves
- Can use with any music software that can install VSTs (Ableton, FL Studio, etc.)