

Hugo Eleasar Benavides

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Summary

Bilingual Computer Science student with 2+ years of experience developing, executing, and testing computer hardware and software. Strong communicator and leader with excellent C++, Java and Python skills. Seeking an entry level cybersecurity or software developer position.

Project Experience

Android Studio Calculator

- Created an Android Calculator Application using Kotlin in Android Studio. Implemented basic arithmetic operations (addition, subtraction, multiplication, and division) as well as advanced features such as square root, memory functions, and error handling.

Timetable Class Generator

- Created a Timetable-Generator to Add/Schedule or Remove Classes with a number of Professors and Calculate Grades for each student using Android Studio with Java.

Android Console Gaming Emulator

- Designed and developed a high-performance Xbox 360 Emulator for Android devices, enabling users to select Xbox 360 games on smartphones and tablets through assistance of the Java Virtual Machine.

Pokémon Database

- Collaborated with team of 3 to create protocol using Microsoft MySQL creating this all-in-one Pokémon database marks a big leap toward making Pokémon information more manageable and useful. The database was populated with 500 entries with detailed information for individual elements.

Cybersecurity Roles

- Assessed the Network with Common Security Tools, Defended the Network from a Simulated Attack, Designed a Secure Network Topology, Configured the Windows Defender Firewall, Monitored and Logged Network Traffic, Configured Custom Firewall Rules with pfSense, Configured a VPN Server with pfSense, Configured a VPN Client for Secure File Transfers, Analyzed Network & Wireless Traffic with Wireshark.

Professional Experience

Amazon Warehouse - Amnesty Floor Monitor (Houston, Texas) July 2021 - May 2024

- Maintained 80+ robots floor operators clearing floor of obstructions, rebooting drives and clearing jams. Maintained robotics drives & bins by clearing crashes, clearing objects underneath drives, reporting heavy situations to maintenance leading to a 14% efficiency increase. Coded Diagnostic tools and interfaces.

Developed a working PHP website for my business

Education - University of Houston – Downtown (December 2024) Houston, Texas - Bachelor of Science: Computer Science - Front End Developer & Cybersecurity

Technical Skills

Programming: C++, Python, Java, Logisim Database: Microsoft SQL, Android SDK, Kotlin, HTML, Local IDEs, Cloud IDE, Multi-language IDE, IDEs for mobile development, Multi-user IDE, Quantum Processing