

Irving Sanchez

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Education

BACHELOR'S degree | Graduated: December 15, 2019 | The University of Texas at El Paso

- Bachelor of Computer Science
- Related coursework: Computer Architecture, Computer Networks, Databases, Software Engineering, Operating Systems, Object Oriented Programming.
- Created a small program in C++ that demoed the different ports and sensors found in a msp430 microcontroller board

Skills

- Extensive knowledge of Windows, Ubuntu and macOS.
- Extensive use of MS PowerPoint and Word.
- Proficient in MS Excel.
- Extensive use of Java, C, C++, Python, PHP, JavaScript, and MySQL.
- Experienced in the reading and use of intel syntax x86 assembly language.
- Proficient in Android App development.
- Bilingual in Spanish and English.

Technical Experience

- Created a database that was intended to be used for management on electronic access management that included a Web-page GUI written in HTML, PHP and CSS.
- Programed a Sudoku game using Java and the concepts of Object-Oriented Programing to create a game that can be easily updated.
- Lead a programming team in the development of a software suite intended to be used to analyze and modify network packets to aid in network vulnerability detection.
- Using Visual Studio and C++, created a small utility program that allowed for DLL injection.
- Created a Dynamic-link library programmed in C++ used in conjunction with DLL injector to modify the behavior of Windows services that are not typically initialized by the user.

Work Experience

Grocery store clerk | RV International Grocery | May 2013 to present

- In charge of computer troubleshooting including downgrading computers from unwanted Windows 10 upgrade as well as restoring corrupted Point of Sale backup files and installation.
- Replaced on call IT person in charge of troubleshooting computers.
- Took charge of new employees while still conducting daily assignments such as the cash register and taking care of stock.