Irving Sanchez

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# Education

## BACHELOR’S degree |Graduated: December15, 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.