

Federico De Jesus Marin

Contact

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Soft Skills

- Fluent in both English & Spanish
- Strong Communication Skills
- Strong Analytical Skills
- Problem Solver
- Team Player

Technical Skills

- Proficient in Java, Python, HTML, CSS, JavaScript
- Intermediate in C, C++, Dart
- React.js, Node.js
- Git and GitHub
- Software Development Lifecycle (SDLC)
- Algorithm Design & Analysis
- V&V and QA Testing
- Windows, Linux, Mac

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE WITH A MINOR IN MATHEMATICS

UNIVERSITY OF TEXAS AT EL PASO | December 2021

GPA: 3.4

Relevant Courses: Data Structures & Algorithms, Advanced Object-Oriented Programming, Computer Architecture, Operating Systems, Software Vulnerabilities, Database Management, Software Development 1 & 2

- Coding Club
- Cybersecurity/Hackathon Club

EXPERIENCE

IT Manager at Perches Funeral Homes

El Paso, TX

February 2022 – Present

- Ensuring functionality of all network equipment such as servers, company computers and copy machines on sight are always operational.
- Assisting and supervising a total of 8 company locations throughout the city of El Paso.

Manager at M3 Image

El Paso, TX

August 2019 – August 2021

- Managed different projects ranging from simple commercial signs to extensive company LED signs, advertisement, steel, and vinyl application.
- Finalized graphic designs using Mimaki application for hardware and CorelDraw as a design tool for all projects.

Network Manager at AT&T Call Center

Austin, TX

August 2017 – August 2018

- Assisted clients with network issues at locations supported by AT&T. Locations consisted of: Hilton Hotels, Four Season Hotels, McDonalds, and other major Franchises.
- Analyzed and troubleshooted problems reported by clients using device's MAC address or IP address to fix issues through remote access. Dealing with an average of 50 tickets per 6-hour shift.

PROJECTS

Advanced Object-Oriented Programming – Backend Functional Banking System

- Built a banking system from scratch using Java as the language, in collaboration with a partner, that implemented major aspects of a bank. Functionality consisted of actions such as deposits, withdrawals, payments, and transfers between accounts obtained from a CSV file containing all the information necessary.

Senior Project - Automated Vulnerability Evidence Recording Tool (AVERT)

- Designed and programmed AVERT using python as the primary language and both front-end and back-end tools such as React and MongoDB for the Department of Defense to characterize the cybersecurity and resilience of a system. Aiding the clients in obtaining information about system exploits, system actions, and network activity.
- Documented and reported all activity to the clients to receive feedback on adjustments needed to be made for a complete and functional product.

VOLUNTEER EXPERIENCE

Volunteer Camp Mentor – STEM Summer Camp

El Paso, TX

May 2019 – July 2019

- Mentored at an annual educational summer camp for around 30 elementary and middle school low-income students, covering STEM subjects.
- Encouraged students to use their problem-solving skills to engineer and code Lego Robotics. Programs were simple such as printing out messages on the display as well as being able to detect colors or objects.