Ismael Castañeda Villegas

Software Engineer | Texas | 940.902.0759 | www.linkedin.com/in/ismael-castaneda-villegas |
|www.github.com/IsmaelCastV | ismaelcastaneda.v@gmail.com |

EDUCATION

University of North Texas | Denton, Texas   **Expected Graduation: May 2024**
Bachelor of Engineering | Computer Science | ABET accredited
Relevant Coursework: Software Engineering, Data Structures & Algorithms, Internet Programming

North Central Texas College | Gainesville, Texas   **Graduated: May 2017**
Associates of Science | General Studies
Relevant Coursework: Calculus, Physics

TECHNICAL SKILLS

Programming Languages: C(Advanced), C++ (*Advanced*), PHP (*Intermediate*), Python (*Intermediate*), Java (Intermediate), Swift(Beginner)
Web Development: HTML (*Intermediate*), CSS (*Beginner*), Javascript (*Intermediate*), Node.js (*Intermediate*), Bootstrap(Beginner)
Software Tools: Microsoft Office Suite, Visual Studio Code, Notepad++, Git, Github
Database Management: SQL, Firebase, MySQL, Relational & Non-Relational Databases

PROGRAMMING PROJECTS

Dine86, Academic Project: **June - July 2022**
- Designed database architecture for restaurant inventory systems
- Managed communication between web page and database

Library System, Academic Project: **Mar - Apr 2021**
- Created a library system which managed 3 different library items using an object oriented programming model.
- Implemented polymorphism to create 3 different types of class items.

Matrix Encoding, Personal Project: **Oct - Nov 2021**
- Implemented a program to encode and decode a minimum of 20 sentences into integers using inverse matrices.
- Utilized invertible 2D matrices to accomplish encryption

EMPLOYMENT EXPERIENCE

Entertainment Games Technician | Winstar World Casino | Thackerville, OK   **Jun 2019 - Jan 2021**
- Inspected over 7,000 of slot machine games and ATMs for hazards and service issues.
- Repaired about 75 machines daily by replacing faulty parts, rebooting systems, and updating software