Edwin Hernandez

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EDUCATION

University of North Texas | Denton, Texas   May 2023
Bachelor of Science, Computer Engineering (ABET Accredited)   GPA (Engineering): 3.5/4.0
Minor: Mathematics
Relevant Course Work: Data Structures II, Foundational Computing, Logic Design, Multivariable Calculus

ENGINEERING PROJECTS

Automation, PS5 Bot   November 2020 – December 2020
- Developed and finalized an automated program using Python with Selenium.
- Handled real-time web requests by implementing web sockets using a WebSocket client
- Eliminated and performed tests to ensure a streamlined program

Web Scraper, Twitter Bot   June 2020 - August 2020
- Created and implemented a web scraper using Python with Selenium.
- Allows users to compare their followers and followings on a mobile device. Resulting in a display that provides the names of those who are not following the user.
- Restructured and debugged program to ensure the project meets the demands while having safety features

Password Manager   June 2020 - August 2020
- Designed a password manager that allows users to input personal information for specific websites using C++/C.
- Deployed a folder that allows the information to be stored in a safety file

Eagle Lift, Team Lead   January 2020 - May 2020
- Programmed a program in C++ that allows users to simulate a Taxi service for UNT students such as scheduling a ride, creating a user account, and much more.
- Tested and modified program to ensure stability and safety

EXPERIENCE

Mario Sinacola & Sons   June 2019 – August 2020
Frisco, Texas
Information Technology Intern
- Built a database using Visual Basic Scripting and Microsoft Excel
- Increased efficiency by 80% to adding employee information and printing a specific ID card

LEADERSHIP & ORGANIZATIONS

UNT Hacks Team – Member   November 2020 – Present

UNT Robotics – Member   March 2020 – Present

- Developed skills and technical knowledge towards using a Raspberry Pi. For instance, I learned how to use a Raspberry Pi as an AD blocker for my Wi-Fi in a safe manner.

Vietnamese Student Organization (VSA) – Member   August 2019 – Present

- Developed interpersonal relationships with others through mobile and attended weekly small groups.

RELEVANT SKILLS

Programming Skills: C++ (**Advanced**), C (**Intermediate**), Java (**Intermediate**), Python (**Intermediate**), JavaScript (**Beginner**),
Software Skills: Visual Studio code (**Intermediate**), Ellipse (**Intermediate**), Microsoft Office Suite (**Advanced**), Google Cloud (**Beginner**)
Soft Skills: Flexible, Technical, Focus, Design, Testing, Time Management
Interests: Machine Learning, Automation, AWS, Selenium, Kubernetes, Docker, Virtual Assistant, Test Automation
Operating Systems: Windows, Linux, Mac OS