

# 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, Foundational Computing, Principles of Systems Programming, Logic Design

## ENGINEERING PROJECTS

**Portfolio Website**, (<https://edwinhern.github.io/edwinhern/>)

January 2021 - Present

- Implemented and designed a personalized website that demonstrates persona and creativity
- Devised the website to be user-friendly and appealing

**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++, C, Java, Python, JavaScript, HTML/CSS, Visual Basic

**Software Skills:** Visual Studio code, Eclipse, Microsoft Office Suite, Google Cloud

**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