

# LUIS MARQUEZ LOPEZ

North Las Vegas, NV

(702) 578-2549 | [lualmarpez@hotmail.com](mailto:lualmarpez@hotmail.com) | [github.com/latinoluis](https://github.com/latinoluis) | [linkedin.com/in/luisamarquezlopez](https://linkedin.com/in/luisamarquezlopez)

---

## PROFESSIONAL SUMMARY

Veteran and aspiring software developer pursuing a Bachelor's in Computer Science with a strong foundation in C++, web development, and problem-solving. Experienced in building interactive websites and optimizing system performance. Passionate about developing efficient applications and collaborating on innovative technology projects. Strong analytical thinking and teamwork skills, with the ability to communicate technical concepts effectively.

- Web Development
- Troubleshooting
- Analytical Thinking
- Safety & Compliance
- Flexibility and Adaptability
- Customer Service
- Preventative Maintenance
- Electrical/Mechanical Repairs
- Equipment Maintenance

## EDUCATION

University of Nevada, Las Vegas

Bachelor of Science in Computer Science

Jan. 2024 - Present

GPA: 3.9

College of Southern Nevada (Transfer)

Associate of Applied Science in Electrical Maintenance

Aug. 2021 - Jul. 2022

GPA 3.3

## TECHNICAL SKILLS

**Languages:** C++, HTML, CSS, Javascript, Python

**Operating Systems:** Windows, macOS

**Tools:** Visual Studio, CLion, Wix Studio, Git

## PROJECTS

**Portfolio Website** | HTML, CSS, JavaScript | [lualmarquez.netlify.app](https://lualmarquez.netlify.app)

- Developing a portfolio website to showcase projects and skills in web development.
- Implemented interactive features that help user experience through clean navigation and button features.
- I used HTML to give structure to my website, adding a body text, headers and a for loop that allows the user to interact with.
- CSS was used to style my website, for example adding color to the text, changing the size of the logo and pictures.

**Banker's Bounty** | C++ | VSC

- Loaded a dynamic map from a CSV file, representing different entities in example like trees, rocks and banks. Enabling the player to navigate through the map using validated input commands.
- Programmed multiple player actions such as movement, mining, chopping, and banking using functions with conditional checks for inventory limits, valid coordinates, and object proximity.
- Implemented an inventory system with limited capacity, allowing players to collect resources (wood, rock), and store them in a bank.

**Ultimate Excel Budget** | Excel

- Developed a comprehensive Excel-based personal budgeting tool to manage and track monthly expenses and savings effectively.
- Designed user-friendly spreadsheets with advanced formulas and functions, including pivot tables and charts, to provide real-time financial insights.

## PROFESSIONAL EXPERIENCE

**Construction Management Intern**

Jul. 2024 - Present

**Nevada Small Business Development Center | Las Vegas, NV**

- Supported Nevada's small construction businesses by guiding them through the licensing process and assisting with workshops and other key industry projects.
- Created a fully functional website to enhance attendee engagement, allowing appointment scheduling, access to networking events, and other essential resources.

**Heating, Ventilation, and Air Conditioning Mechanic, United States Army, Wahiawa, HI**

Jan. 2021 - Dec. 2023

- Initiated measures to improve methods and quality of work relating to sheet metal fabrication which resulted in increased longevity of HVAC systems and electrical equipment.
- Investigated and troubleshooted malfunctions in HVAC systems, such as inadequate heating or cooling, and airflow problems.
- Delivered outstanding customer service as the main point of contact for project inquiries; achieved a 100% quality service rating in random client surveys.
- Completed quality control inspections to determine equipment maintenance schedule and track repairs.
- Recognized for efficiency in troubleshooting, diagnosing, repairing, and performing preventive maintenance on HVAC Systems.

## WORK EXPERIENCE

**Cashier, Raising Canes Restaurant, Las Vegas, NV**

Aug 2019 - Mar. 2020

**Sales Associate, JCPenney, Las Vegas, NV**

Nov. 2018 - Apr. 2019

## CERTIFICATIONS

HVAC Certification | North American Technician Excellence

Certified Universal Technician | Environmental Protection Agency