JACOB QUINTERO

Phone: 210-563-3910 | Email: Jquintero0802@gmail.com
Github: https://github.com/Jquintero08 | LinkedIn: www.linkedin.com/in/JacobQuintero

PROFESSIONAL SUMMARY

Computer Engineering undergraduate with over 2 years of customer service experience, seeking a position where I can apply my technical, engineering, and customer service skills at an organization that serves the public. Courteous, resilient, analytical, detail-oriented, and eager to help the company meet its mission, vision, objectives, and goals.

EDUCATION

Texas A&M University, College Station, TX 01//2022 – 12//2024
B.S in Computer Engineering | GPA 3.531
Mathematics Minor
Awards – IEE-Eta Kappa Nu Scholarship || Hispanic Scholarship Fund || NSF Scholar || Dean's List

Blinn College, College Station, TX (Transferred) 08//2021 - 12//2021
B.S. in Computer Engineering | GPA 4.0

UTSA, San Antonio, TX (Transferred) 08//2020 - 06//2021
B.S. in Computer Information Science | GPA 4.0

EXPERIENCE

PATHS-UP Research 05//2023 – 08//2023

- Collaborated with a cross-functional team of 4 to refine the production of SERS-Active Nanoparticles; took lead on the programming aspects of the project.
- Streamlined the data analysis workflow by implementing different optimized Python programs resulting in a 95.83% speed-up of the analysis phase. (120 minutes [3 times a week] -> 5 minutes [3 times a week])

In-N-Out Burger 06//2019 – 08//2022

- Improved customer service quality by assisting over 1000+ customers daily and providing excellent service.
- Trained and managed new employees using hands-on training sessions, empowering them to handle tasks on their own.

MAJOR PROJECTS

ReviewStar.tech (Hackathon) – Implemented web scraping to gather reviews from websites to find problem areas.
- Incorporated sentiment analysis to process reviews into short summaries, and deployed it to a customized web app.

Processor Creation – Developed a working processor through Verilog and tested its functionality through test cases.
- Finished processor could carry out simple assembly commands as well as read and write data to the system memory.

Food Finder – Assisted in the creation of an app that takes input from the user for what type of food they would like.
- Scrapes the web for places with similar food options and compiles data to a file along with filters (# of stars, customer service)
- Outputs nearby dining along with viable filters to allow people new to College Station to find enjoyable dining experiences.

POS and Inventory System – Collaborated with a team to create a GUI and database management system.
- Employees can input orders, which updates the restaurant's inventory and order history. Managers can access the database to analyze trends and create inventory restocking orders.
- Elevated the group's understanding of databasing and creating user-friendly GUIs while allowing for effective communication.

Personal Webpage – Developed a personal webpage that hosts my portfolio by implementing HTML, CSS, and JavaScript.

ORGANIZATIONS

Kids Coding Club

- Taught a group of 10 kids the fundamentals of programming and debugging their code through JavaScript.

Mexican Student Organization

- An organization for students of Latin American descent that engages in volunteering, interview readiness, reconnection with Latin American culture, etc.

IEEE-Eta Kappa Nu (Gamma Mu) 4//28//2023

- Honors society that supports volunteering and social events for Electrical and Computer Engineers.

Navigators

- An organization devoted to strengthening its members' faith in God.

TECHNICAL SKILLS & RELEVANT COURSES

Operating Systems: Windows || Linux || MacOS
Skills: Python || C++ || Microsoft 365 || Git || Verilog || ARM Assembly || HTML || CSS || JavaScript || MATLAB
Courses: Discrete Structures for Computing || Program Design and Concepts || Data Structures and Algorithms || Introduction to Digital Systems Design || Computer Architecture and Design || Differential Equations || Linear Algebra || Programming Languages || Signals and Systems || Electronics || Electrical Circuit Theory