

Gisselle Quiroz

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Education

Lamar University — BS in Computer Science & Computer Engineering

Minor in Mathematics

- GPA: 3.7/4.0
- **Coursework:** Computer Architecture, Artificial Intelligence, Discrete Structures, Software Engineering

Experience

Becerra's Tax Service, Port Arthur, TX

Office Assistant (Part-time)

- Provided front-desk support; greeted clients and assisted with tax-related inquiries.
- Answered calls, scheduled appointments, and managed daily office communications.
- Handled in-person client intake and ensured smooth service flow.
- Performed notarial duties for legal and financial documents.
- Maintained accurate records and supported document organization.
- Demonstrated organizational, multitasking, and customer service skills in a high-volume office.

Projects

NeuroSim Lab — *Personal Project*

- Built an interactive multi-model neuron simulator (incl. LIF) in Python & Streamlit with real-time tuning and spike visualizations.
- Enabled user controls for current, threshold, leak rate, and duration to visualize membrane potential dynamics.
- **Tools:** Python, Streamlit, Matplotlib

FriendFinderAPI — *Lamar University*

- AI-powered matchmaking API that suggests friend connections from shared interests and bios.
- Used sentence-transformer embeddings and cosine similarity to compute user compatibility.
- Developed a RESTful backend using Flask with JSON-based user data management.
- **Tools:** Python, Flask, SentenceTransformers, NLP, Cosine Similarity

Certifications

- **Career Essentials in Cybersecurity** — Microsoft & LinkedIn *Jul 2025*
Topics: Information Security Awareness, Cybersecurity, Threat & Vulnerability Management
- **Develop with Python for AI and Machine Learning** — LinkedIn Learning *Jul 2025*
Topics: Machine Learning, Python, k-means Clustering, Logistic Regression, Decision Trees

Skills

- **Programming:** Python, Java, MATLAB
- **Libraries:** Streamlit, Flask, Pandas, NumPy, Matplotlib, Scikit-learn
- **Tools:** Git, GitHub, Jupyter, VS Code
- **Soft Skills:** Communication, Attention to Detail, Problem Solving, Time Management

Honors & Awards

- **President's List** — Lamar University *Spring 2023, Spring 2025*
Awarded for achieving a perfect 4.0 semester GPA
- **COAS Academic Excellence Student Award** — Lamar University *Apr 2024*
Recognized for outstanding academic performance in the College of Arts and Sciences as a Computer Science major
- **Dean's List** — Lamar University *Fall 2022, Fall 2023*
Awarded for achieving a semester GPA of 3.5 or higher