MAXI GUILLERMO

San Francisco, CA | 650-743-1288 | maxiguillermo1@gmail.com | [LinkedIn](#) | [GitHub](#) | [maxi-g.com](#)

EDUCATION

California State University, Long Beach   Long Beach, CA
Bachelor of Science in Computer Science, Minor in Cybersecurity   August 2020 - December 2024

Certificates/Awards:
Dean's List (Fall 2021 - Spring 2022), Seal of Biliteracy (Spanish), Key Club Gold Member (80+ Community Service)
[Supervised Machine Learning: Regression and Classification (Stanford | Online)](#)
[Unsupervised Learning, Recommenders, Reinforcement Learning (Stanford | Online)](#)

TECHNICAL SKILLS

Languages: **JavaScript**, HTML/CSS, **Python**, SQL (Postgres), C, C++, Kotlin, Objective-C, R, Swift, Shell scripting (Bash)
Frameworks: **React.js**, **Node.js**, **Next.js**, Vue.js, **React Native**, Material-UI, Flask, **FastAPI**, JUnit, WordPress, Three.js, **Django**
Developer Tools: **Git**, **Docker**, **Google Cloud Platform**, **AWS**, **VS Code**, PyCharm, IntelliJ, Eclipse, **Figma**, Qdrant, Kali Linux
Libraries: pandas, **NumPy**, Matplotlib, **tensorflow**, **scikit-learn**, Chakra UI

PROJECTS

[Habibeats](#) *(Mobile Application)*   Summer 2024 - Fall 2024
React Native, Google Firebase, API Integration, Figma
- **Architected and deployed** a high-performance **cross-platform mobile application** (iOS/Android) using **React Native**, optimizing the concert and festival experience through dynamic user profiles and real-time event discovery.
- **Engineered a scalable backend infrastructure** with **Firebase (Firestore + Auth)** to securely support **50,000+ active users**, enabling seamless authentication and **live data synchronization**.
- Designed and implemented **AI-driven recommendation systems** using **TensorFlow.js** and **custom algorithms** to intelligently match users based on music preferences and behavioral patterns.
- Integrated **Google Maps SDK**, **Places API**, **Geofire**, **Spotify API**, and **Ticketmaster API**, alongside a **custom web scraper**, to deliver real-time geolocation, music insights, and event data for enhanced user experiences.

[Textbook Embeddings Program](#)   Spring 2024
Python, Docker, Qdrant
- Developed an **AI-powered smart search tool** for textbooks using **supervised NLP** and a **question-answering pipeline** to enhance academic discovery.
- Built scalable backend services with **Python**, **TensorFlow**, **scikit-learn**, and **Docker**.
- **Integrated Qdrant vector database for multi-textbook embeddings and semantic search, improving retrieval accuracy by 50% and reducing query latency by 30%.**

[maxi–g.com](#)   Fall 2023
JavaScript, React.js, Next.js, Three.js
- Built and deployed a dynamic portfolio using **React**, with front/back-end design, **Figma UI skills**, and **API integration**; mastered **HTML, CSS, TypeScript, and JavaScript**; hosted on **Vercel** with CI/CD.

LEADERSHIP EXPERIENCE

Google Development Scholar Club Lead   Spring 2023 - Spring 2024
Cal State University, Long Beach
- **Led interactive General Body Meetings** featuring leetcode challenges and soft/hard skill building workshops, boosting member engagement **event attendance and online follower engagement by 30% and 50%**
- Organized **"Night with Tech," a CS only career fair,** increasing student internship placements and job offers by 40%.

Women In Computing Mentor   Fall 2023 - Spring 2024
Cal State University, Long Beach
- Provided **tutoring to 1st and 2nd-year CS students**, improving course completion rates by 15%.
- Helped lead **club events** and **social initiatives**, resulting in a **40% increase** in student engagement and satisfaction.