

MARGARITA RINCON

(415)-815-3175 | rincon.mago1@gmail.com | San Francisco, CA
[GitHub](#) | [LinkedIn](#)

EDUCATION

B.S. Computer Science - San Jose State University, San Jose, California

GPA 3.6 | December 2025

TECHNICAL EXPERIENCE

Games for Love — *Volunteer Programmer*

| February 2026 – Present

- Collaborate with a multidisciplinary team of programmers, designers, and artists to develop and improve 2D games using **Unity, C#, Git, and GitHub**.
- Implement and debug gameplay features, UI systems, and game logic within an existing codebase.
- Test and troubleshoot game systems, document issues, and resolve bugs through iterative development and QA.

PROJECT EXPERIENCE

Aerial Watch — **Image Classification System**

Python, PyTorch, MobileNetV2, Computer Vision

- Developed a transfer-learning image classifier to identify images containing people using real-world aerial imagery.
- Trained and evaluated the model on thousands of images, achieving approximately **94–95% validation/test accuracy**, and analyzed performance on external web images.

WakeBuddy — **Android Alarm App**

Java, Android Studio, SharedPreferences, Git

- Developed an Android alarm application featuring customizable wake-up challenges and interactive alarm controls.
- Implemented multiple alarm-dismissal challenges, including **math problems, QR-code scanning, movement-based tasks, and voice/volume detection**.

Spartan Bank — **Three-Tier Web Application**

Java, JDBC, MySQL, JSP, Servlets, HTML/CSS/JavaScript

- Developed a web-based banking application supporting account management, fund transfers, and loan processing using a three-tier architecture.

TECHNICAL SKILLS

Languages: Python, Java, C#, JavaScript, SQL, HTML/CSS

Frameworks & Libraries: scikit-learn, Tkinter, JSP/Servlets

Tools & Platforms: Git, GitHub, Unity, Android Studio, MySQL

Languages Spoken: Spanish (Native), English (Fluent)

ADDITIONAL EXPERIENCE

Family Assistant / Personal Assistant

2022-2025 San Francisco, California