

Mateo Alado

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SKILLS

- **Languages:** C/C++, Python, JavaScript, TypeScript, Go, Java, SQL, HTML, CSS, R
- **Frameworks:** React, Node.js, Tailwind
- **Tools:** Git, Github, AWS, Kubernetes, Supabase, MongoDB, Selenium, Pandas, APIS
- **Core CS Concepts:** Software Engineering, DSA, OOP, Multithreading, AI/ML, Mobile Development

PROFESSIONAL EXPERIENCE

Open Source Freelance Software Engineer | *Self Employed* - Hayward, CA August 2024

- Developer and frequent contributor **10+ public repositories on CodeTriage** and personal projects
- Specializing in projects relating to **Embedded Systems, Application Development and Machine Learning**

Teaching Assistant (CS) | *California State University, East Bay* - Hayward, CA August 2025

- Works as a Teaching Assistant that **provided on-site embedded support** for classes of up to **50 students**
- Provides **support for instructors** with **teaching and lecturing**, as well as **supplemental tutoring** for course content

BootUp Program Mentor (CS) | *CSU East Bay MESA* - Hayward, CA August 2025

- Provides **academic and career focused guidance** and enrichment for a cohort of **10 freshman Computer Science peers**
- Attends regular MESA U workshops designed to promote professional and technical development for both mentors and mentees

PROJECTS AND ADDITIONAL EXPERIENCE

MYLogin | *Software Engineer* | Hayward, CA (Python, Fernet, Symmetric Encryption, JSON, Pandas)

- Implements **multi-layered symmetric encryption** with **Python and Fernet** to ensure total security and privacy from threat actors
- Currently in use within a group of **50+ software engineers** for personal use and storage of credentials

autogit | *Software Engineer* | Hayward, CA (C, Bash, Git, Embedded Systems, Multithreading)

- Developed a **portable automation wrapper** tool for git written in **C and Bash**
- Ensures low level control over process management with performance gains of **37% faster code execution**

Flashcard101 | *Software Engineer* | Hayward, CA (Java, GUI Design, Software Architecture)

- Developed a robust and interactive Java application for creating and reviewing user generated study sets
- GUI and Logic supports a wide of array of functionality and modes of **use amongst a class of 70+ students**

EDUCATION

California State University, East Bay

December 2026

Bachelor of Science, Computer Science

- **Relevant Coursework:** DSA, Computer Architecture, Operating Systems, Computer Networks, Software Engineering, Mobile Programming, Automata and Computation, Linear Algebra, Statistics and Probability for Engineers

Chabot College

June 2024

Associate of Science, Computer Science

- **Relevant Coursework:** Object Oriented Programming, Data Structures and Algorithms, Assembly Language, Computer Organization, UNIX, Discrete Mathematics