

Mike Plata

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

Computer Engineering graduate with experience in embedded systems, software development, and robotics. Worked with algorithms and system integration, including ROS2-based platforms on NVIDIA Jetson. Focused on building, debugging, and understanding complex hardware–software systems.

EDUCATION

California State Polytechnic University - Pomona • [Aug 2021-May 2025](#)

B.S. in Computer Engineering

Dean's Honor List (Spring 2025) • GPA: 3.30 Major / 3.35 Overall

East Los Angeles College • [Aug 2015-June 2021](#)

A.A. Computer Science & Information Technology

A.S. Mathematics (for Transfer)

Dean's Honor List (4 Semesters) • GPA: 3.9 Major / 3.4 Overall

TECHNICAL SKILLS

Languages: Java, C++, C#, Python, JavaScript

Systems & Engineering: ROS2, NVIDIA Jetson,
Embedded Systems, Microcontrollers

Web: Astro, HTML, CSS

Tools: Git, GitHub, Visual Studio, VS Code, Eclipse

PROJECTS

F1TENTH Autonomous Racing Platform – Senior Design Project

ROS2 Robotic System on NVIDIA Jetson

- Contributed to a large team project developing a miniature autonomous driving vehicle.
- Assisted with integration and documentation of system components within the ROS2 architecture.
- Helped test and troubleshoot communication between software modules during system integration.
- Produced documentation describing setup steps and component interactions to support team development and debugging.

Tiny Leaders Reborn — Community Website (Pre-Launch)

Static site built with Astro, HTML, CSS, and JavaScript

- Designed and implemented a static website to support a community-run card game format.
- Built reusable page components and layouts to clearly present rules, announcements, and community resources.
- Structured site content and navigation to support future expansion and maintainability.
- Managed project structure and version control using Git.

EXPERIENCE

DaVita, Inc. - Los Angeles, CA • [Dec 2009 - Present](#)

Administrative Assistant / Inventory Tech/ Safety Manager / Preceptor

- Coordinate patient support services including scheduling, transportation, and translation across multiple dialysis clinics.
- Maintain HIPAA compliance by processing, organizing, and securely archiving protected health information in proprietary database systems.
- Manage clinic inventory systems, including ordering, tracking, and redistributing medical supplies and equipment across multiple locations.
- Conduct monthly safety audits and document findings, helping reduce compliance issues by 30%.
- Train new staff on safety procedures, compliance requirements, and documentation practices.
- Support onboarding and process training for new teammates to ensure consistent workflows and recordkeeping.