

Pablo Molina Rojas

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EDUCATION

University of Central Florida

Orlando, FL

Bachelor's Program in Computer Science, Math Minor

Expected Graduation Spring 2026

GPA: 3.5

Relevant Courses: Calculus I-III, Matrix & Linear Algebra, Differential Equations, Mathematical Modeling, Intro to C, Data Structures & Algorithms (Java), Security in Computing, Discrete Structures & Logic, Computer Logic & Organization

WORK EXPERIENCE

Research & Development Intern

August 2025 – Present

OneEthos

Remote

- Contribute to the development of fintech solutions for Climate First Bank and Green Bank partners
- Apply hands-on experience in software development, debugging, testing, and API integration
- Enhance the software development lifecycle to accelerate delivery and improve customer outcomes

CAD Drafter & Instrument Person

August 2023 – August 2025

Epic Surveying & Mapping

Orlando, FL

- Operated and maintained survey-level instruments for precise data collection.
- Interpreted site plans and technical drawings to ensure accuracy.
- Created detailed technical drawings and plans using CAD software.
- Collaborated with engineers and architects to refine project plans.

PROJECTS

Epic Map – Full-Stack Field Service Application

June 2025

- Developed a full-stack Flask application to manage, track, and visualize over 1,000 active job sites.
- Architected a RESTful API and a (PostgreSQL/PostGIS) database for CRUD operations.
- Engineered a mobile-first, interactive map with Leaflet.js for real-time data access and time logging.
- Deployed the on Render and Supabase, ensuring a scalable production environment.

ReadingLog – Book Tracking App

April 2025

- Developed a book-tracking web app using Notion as a SQL-less database and Vercel for hosting.
- Implemented serverless functions to fetch and display book details (title, image, completion date).
- Designed a skeleton loading UI for better user experience before data loads.
- Introduction to NoSQL-style databases, improving data modeling and API integration skills.

CoinPurse – Stock Visualizer

April 2025

- Engineered a sleek, responsive user interface for a stock data dashboard using React, Tailwind CSS.
- Seamlessly integrated TradingView library to deliver professional-grade, real-time charting.
- Collaborated with backend architecture (MongoDB, Express, Node.js) to ensure smooth integration with front-end functionality.

SKILLS

Programming Languages: Python, Java, C & C++, JavaScript, TypeScript

Tools: AutoCAD, Microsoft Office, Git, NeoVim, AWS (EC-2), Figma, Vercel, Supabase, Render

Languages: Fluent Spanish (Reading, Writing & Speaking)