

DYLAN LIM

San Marino, CA | 626-818-7069 | dylim8@gmail.com | linkedin.com/in/dylim8 | [Portfolio](#) | [GitHub](#)

EDUCATION

Loyola Marymount University

Bachelor of Science in Computer Science

Los Angeles, CA

Graduation Date: May 2024

- Relevant Coursework: Data Structures & Applications, Algorithms & Analysis
- Certifications: Prompt Engineering and Generative AI Automation Specializations (Vanderbilt); Foundations of Project Management (Google)

WORK EXPERIENCE

TOP Escrow (TESS Escrow Software)

Alhambra, CA

Software Engineer

December 2025 - Present

- Engineered the entire backend for TESS, an escrow transaction platform now running the active files of 3 escrow officers after TOP Escrow migrated the majority of its escrows onto the system.
- Developed reusable form packages and automated PDF generation that took document assembly and DocuSign field preparation from several hours down to 30 seconds to 10 minutes.
- Designed multi-tenant access control on Firebase Authentication and server-side Cloud Functions, scoping every read and write by company, branch, role, and account status across 6 branches.
- Systemized per-agency database isolation protecting signatures, SSN and ITIN tax forms, property records, and trust accounting, with auditability for FIRPTA and 1099 reporting.
- Built shipping-label generation, document archiving, and cloud storage as 1 of 2 developers, owning APIs, databases, auth, and hosting.

Novus Automations

San Marino, CA

Automation Engineer

November 2024 - April 2025

- Programmed a semantic retrieval layer over 90,000+ statewide property records using OpenAI embeddings, Pinecone, and cosine similarity, replacing a manual grouping script and cutting assembly time from nearly an hour to under 10 minutes.
- Identified acquisition targets for an 8-person team by grouping properties on years since last sale, owner age, and price movement.
- Diagnosed recurring false positives in the index, tracing them to inconsistent normalization in client-mandated web scrapers, and documented the tradeoff for leadership before scaling.
- Created 10 to 15 reusable CRM workflow automations with prompt routing, removing 5-15 hours of manual data entry per week.
- Migrated 200 to 300 job reports into a new CRM and established 3 reusable email automations running against contact lists of 1,000+.

Coding Mind Academy

Arcadia, CA

Coding Instructor

May 2024 - April 2025

- Taught weekly coding sessions across Python, C, Java, robotics, Roblox development, and Minecraft to 7 K-12 students over 12 months.
- Created 80+ personalized lesson plans adapted to varied learning styles and skill levels.
- Mentored a student building a mobile application that locates street medicine resources for unhoused individuals.

Radian Audio Engineering, Inc.

Pomona, CA

Administrative Material Document Assistant

November 2025 - Present

- Processed 5-20 sales orders, invoices, and purchase orders per week and prepared shipping labels, proforma documents, and inventory logs.

PROJECT EXPERIENCE

Panel Pal

San Marino, CA

Browser Extension | TypeScript, FastAPI, Google Vision, DeepL

April 2026- May 2026

- Built a browser extension that reads and translates manga panels in real time using OCR and machine translation.

Oshawott Portfolio Assistant

San Marino, CA

Conversational Assistant | Hugging Face Inference API, Express, Vercel

April 2025- July 2026

- Integrated a hosted language model into a personal site via an Express backend, handling prompt construction and response routing.

Parry API

Los Angeles, CA

NLP Moderation Service | Python, PyTorch, NLTK, Flask, Vercel

January 2024 - May 2024

- Programmed a toxicity-scoring API flagging hate speech and harassment for small game developers, tested with 5 concurrent users to diagnose hosting rate limits.

SKILLS & INTERESTS

Languages: Python, JavaScript, TypeScript, Java, HTML, CSS

Frameworks & Tools: Flask, FastAPI, Express, PyTorch, NLTK, Flutter, Capacitor, Git, DocuSign API, Figma

Cloud & Data: Firebase (Auth, Firestore, Cloud Functions, Storage, Hosting), Google Cloud, Pinecone, Vercel, Render

AI & Automation: OpenAI embeddings, Hugging Face Inference API, prompt engineering, prompt routing, vector search, cosine similarity, OCR, workflow automation

Interests: Accessibility-focused AI (Be My Eyes, Signapse), tabletop game design, manga