

Mallerly Jennifer Mena

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OBJECTIVE

Driven computer science student seeking a challenging software engineering internship at a leading tech company. Offers strong problem-solving skills, experience in full-stack development, and a passion for collaborating on innovative solutions

EDUCATION

University of California, Los Angeles

Expected graduation March 2026

Bachelor of Science in Computer Science

Los Angeles, CA

- **GPA:** 3.65/4.00 | **Awards:** Dean's honors list, recipient of the \$20,000 Tourzan Family Scholarship
- **Relevant coursework:** Programming Languages, Operating Systems, Software Construction, Web Apps, Discrete Math

EXPERIENCE

Peer Learning Facilitator

March 2024 – Present

UCLA Academic Advancement Program

Los Angeles, CA

- Lead biweekly problem-solving sessions for groups of 5-10 students in Data Structures and Algorithms course
- Design engaging worksheets and activities, resulting in 95% of participants reporting improved exam performance

Software Engineering Intern

June 2024 – September 2024

Mi Negocio Efectivo (Ecuadorian Fintech)

Quito, Ecuador

- Developed 3 full-stack modules using C#, Entity Framework, MS SQL, Angular, and Redux, reducing operational time
- Optimized database performance with non-blocking and efficient stored procedures for automated reporting
- Refactored legacy codebase to eliminate dependency on expensive third-party library, reducing operational costs
- Collaborated with cross-functional teams using agile methodologies, Git + SourceTree, and CI/CD practices

Software Engineering Fellow

July 2024 - September 2024

Headstarter

Remote

- Developed and deployed 5 AI-powered web applications in 5 weeks using React, Next.js, Firebase, and Vercel
- Engaged in mentorship sessions with senior engineers from Google, Amazon, and Y Combinator, gaining valuable insights

PROJECTS

LoreoAI: AI-Powered Notetaking Companion | *Next.js, Prisma ORM, Supabase, AssemblyAI, OpenAI*

2024

- Co-developed a notetaking tool that transcribes, summarizes, and answers questions about notes using AI
- Implemented native screen sharing and OpenAI integration, eliminating the need for manual note-taking
- Achieved 100+ user signups within first month of wait-list launch [Link]

RateSmart: Professor Review Analysis | *Web Scraping, LangChain, OpenAI, Pinecone*

2024

- Co-developed a web scraper to extract professor reviews from Rate My Professor and indexed data in Pinecone
- Integrated data with a RAG using LangChain and OpenAI API to generate professor insights and sentiment analysis [Link]

WanderTalk: AI-Powered Customer Support Agent | *Next.js, OpenAI, Pinecone, Firebase*

2024

- Co-developed a customer support agent using Next.js and OpenAI, handling multiple queries and saving history
- Implemented a custom AI pipeline to enable dynamic responses based on a company's knowledge base [Link]

CardNinja: AI-Powered Flashcard SaaS | *Next.js, Tailwind CSS, OpenAI, Stripe*

2024

- Co-developed a SaaS platform that generates personalized flashcards on any topic using OpenAI API
- Implemented a payroll with custom subscription plans using Stripe API for payment processing [Link]

LEADERSHIP & INVOLVEMENT

Notion Campus Leader | *Notion Campus Leaders Program*

2024 – Present

- Organized and co-led 2 Notion workshops for 40+ students, teaching advanced features for college planning and productivity
- Managed \$200 per event budget, successfully planning and executing engaging sessions with 98% positive feedback

Technical Interview Fellow | *CodePath.org*

2024 – Present

- Participated in biweekly live coding sessions and peer programming to hone problem-solving skills
- Applied UMPIRE framework to solve 100+ algorithm questions for improved performance in technical interview questions

HOTH XI Hackathon | *Best Mobile App Award & \$80 Prize*

2024

- Developed *BruinBites & Books*, a cross-platform app using Flutter + Firebase to connect students based on shared interests
- Implemented real-time chat functionality and recommendations, enabling users to find dining and reading buddies

SKILLS

Programming Languages: C++, C#, Python, JavaScript, TypeScript, SQL, C, Haskell

Web Technologies: HTML, CSS, Tailwind CSS, Node.js, React, Next.js, Angular

Databases: Microsoft SQL Server + SQL Server Profiler, Supabase, Firebase

Frontend Libraries: shadcn/ui, Material UI, React Bootstrap