




# DANIEL NGUYEN

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## Education

### San Jose State University

Expected Graduation: May 2027

Bachelor of Science in Computer Science, 3.7 GPA, Dean's Scholar

San Jose, CA

- Relevant Coursework: Data Structures and Algorithms, Object Oriented Design, Computer Architecture, Operating Systems, Discrete Mathematics, Calculus, Linear Algebra

## Experience

### TwinMind

May 2025 – Present

Full-Stack Engineer Intern

Menlo Park, California

- Developed TwinMind's AI-powered web app serving **5,000+ active users** for real-time transcription and summarization of meetings, lectures, and privacy-focused syncing using Next.js, Neon Postgres, and Amplitude for analytics
- Created an AI chat powered by Portkey, integrating multi-LLM fallbacks for reliability and enabled streaming responses
- Migrated backend-rendered shared memory pages into frontend-first architecture with caching and revalidating
- Published React component library (GitHub + npm) with **90+ downloads**, with automated CI/CD pipelines
- Improved privacy with "Private Mode" (client-side storage), resolved key bugs (broken deletions, missing fallback logic), and created product videos with **30k+ views**

### Cooledtured

Oct. 2024 – Apr. 2025

Web Developer Intern

Remote

- Built responsive web-pages based off Figma designs while collaborating with 5 web developers and 2 UI/UX designers
- Developed Firebase-powered quiz and poll pages, integrating live monthly and yearly user rankings for media content
- Implemented a Firebase authentication system for user login, role-based authorization and quiz progress tracking
- Led quality assurance meetings twice a week to identify road-blocks and review code to maximize user experience

### Software & Computer Engineering Society at SJSU

Jun. 2024 – Jul. 2024

Software Developer Intern

San Jose, CA

- Optimized front-end performance by refactoring React components and removing redundant code
- Set up Docker containers for a consistent development environment and easier deployment

## Projects

### StudyBuddy | Express, React, Node.js, OpenAI, Canvas API, Textbelt, Node-Cron

Sep. 2025

- Won **1st place overall out of 40 teams** at SCE Hacks (San Jose State University)
- Developed a full-stack web app that helps students stay on top of coursework by sending personalized daily SMS reminders for assignments and events
- Integrated Canvas API to fetch assignments, OpenAI API to generate conversational reminders, and Textbelt API to deliver/receive SMS
- Implemented a Node-Cron service to schedule and automate message delivery

### VIVI | Python, FastAPI, DALL-E, Whisper, Mediapipe, OpenCV, React, TypeScript, TailwindCSS

Apr. 2025

- Built an AI-powered web app and Chrome extension that converts speech into images to support visual learning
- Implemented real-time gaze tracking with OpenCV to transcribe speech only when users are reading with **90% accuracy**
- Developed the front-end with React and TypeScript, ensuring a smooth and intuitive user experience
- Designed a FastAPI backend to manage multiple AI APIs, manage user sessions, and log session analytics

### ChillGuy.ai | Fastify, MongoDB, Twilio API, Eleven Labs, React, TypeScript

Feb. 2025

- Earned **2nd place out of 50+ teams** at Santa Clara University's Hack for Humanity
- Developed an AI-powered wellness bot that schedules and initiates stress-relief calls using Twilio and Eleven Labs AI
- Designed and implemented scheduling functionality, allowing users to book automated check-in calls
- Integrated Google OAuth and Google Calendar API to sync user schedules seamlessly
- Leveraged Fastify and MongoDB to handle authentication, scheduling, and data persistence efficiently

## Technical Skills

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

**Frameworks & Libraries:** React, Next.js, TailwindCSS, Prisma, FastAPI, Express

**Databases & Platforms:** Supabase, Neon, Firebase, PostgreSQL, MongoDB, Vercel, Auth0

**APIs & AI Tools:** OpenAI API, Gemini API, Google API, Portkey, Twilio API, Eleven Labs

**Developer Tools:** Git, VS Code, Postman, Docker