DANIEL NGUYEN

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Education

San Jose State University   **Expected Graduation: May 2027**
Bachelor of Science in Computer Science, 3.4 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*
- Spearheaded development of 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, Node.js and Neon Postgres
- Created an AI chat powered by Portkey, integrating multi-LLM fallbacks for reliability and enabled streaming responses
- Migrated backend-rendered pages into frontend-first architecture with caching, improving response speed by **60%**
- Published React component library (npm) with **151 total downloads**, used across 2 projects with automated CI/CD
- Improved privacy with "Private Mode" (client-side storage), resolved key bugs (broken deletions, missing fallback logic)

Cooledtured   **Oct. 2024 – Apr. 2025**
Software Engineer Intern   *Remote*
- Built 5+ responsive React web pages from Figma designs, improving consistency and accelerating feature delivery
- Developed Firebase-integrated quiz and poll pages with real-time leaderboards to increase user engagement
- Integrated Firebase auth with role-based access and progress tracking, enhancing security and user personalization
- Created onboarding documentation and video tutorials, reducing setup time by **75%** and minimizing support requests

Software & Computer Engineering Society at SJSU   **Jun. 2024 – Aug. 2024**
Software Developer Intern   *San Jose, CA*
- Contributed to a web app helping students find the best professors for classes based on ratings
- Enhanced front-end performance by refactoring components, eliminating redundant code for improved maintainability
- Implemented Docker containerization to standardize development environment and simplify deployment workflows

Projects

StudyBuddy (1st Place, SCE Hacks) | *Express, React, Node.js, OpenAI, Canvas API, Textbelt, Node-Cron*   **Sep. 2025**
- Built a full-stack app to help students manage coursework and events by sending personalized daily SMS reminders
- Integrated Canvas API for assignments, OpenAI API for personalized texts, Textbelt API for SMS delivery/receipt
- Implemented a Node-Cron service to schedule and automate daily message delivery
- Won **1st place overall out of 40 teams** at SCE Hacks (San Jose State University)

ChillGuy.ai (2nd Place, Hack for Humanity) | *MongoDB, Twilio API, Eleven Labs, React, TypeScript*   **Feb. 2025**
- Developed an AI-powered wellness bot that schedules and initiates stress-relief calls using Twilio and Eleven Labs AI
- Integrated Google OAuth and Google Calendar API to sync user schedules seamlessly
- Leveraged Fastify and MongoDB to handle authentication, scheduling, and data persistence efficiently
- Earned **2nd place out of 50+ teams** at Santa Clara University's Hack for Humanity

RememberMe | *Python, Flask, DeepFace, TensorFlow, NVIDIA Nemotron*   **Oct. 2025**
- Built AI memory assistant with facial recognition and conversation parsing using NVIDIA Nemotron Super 49B LLM
- Built real-time facial recognition (DeepFace + RetinaFace) with live transcription and JSON-based user data storage
- Built responsive React frontend with webcam streaming, live transcription UI, and dynamic profile updates

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 when users are reading with **90% accuracy**
- Built FastAPI backend managing multiple AI APIs and session data with React frontend for smooth UX

Technical Skills

Languages: TypeScript, JavaScript, Python, Java, SQL, HTML/CSS
Frameworks & Libraries: React, Next.js, TailwindCSS, Prisma, FastAPI, Express, Node.js
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, GitHub Actions, npm