

NICK TRAN

San Diego, CA

[Email](#) ◊ [Linkedin](#) ◊ [Portfolio](#)

PROFESSIONAL EXPERIENCE

- Apple

May 2025 - Aug 2025

Cupertino, CA

EPSI Program Management Intern

 - Authored 5 ML/AI learning modules and tracked 200+ grants while supporting diverse community outreach initiatives.
 - Researched and synthesized technology trends, competitive analysis, and user feedback across the AI/ML landscape.
 - Collaborated with engineers to design and build new Swift tools that support learning activities in ML/AI and product development.
 - Facilitated cross-functional collaboration through internal/external partner meetings and provided code samples with feedback.
- USC Institute for Creative Technologies

Sep 2023 - Present

Los Angeles, CA

Research Assistant, Learning Sciences Lab

 - Led team of 4 and developed deepfake teaching assistant processing 13 lectures with <5s response time (AIED 2025)
 - Built NLP research paper analyzer reducing 50+ page document review time by 80% via intelligent extraction
 - Engineered RAG pipeline integrating Whisper, GPT-4, PlayHT, SadTalker for 24/7 personalized student responses
 - Tested PAL3 military training platform serving 70+ sailors, achieving 16% learning gains across 4 domains
- C. Pacific

Mar 2022 - Nov 2022

Norwalk, CA

Supply Chain Coordinator

 - Automated inventory rotation analysis, leading to a 15% increase in turnover efficiency.
 - Oversaw end-to-end logistics for 50+ monthly import shipments, optimizing workflows and reducing processing time by 25
 - Provided critical support in daily decision-making processes to the Purchasing Manager, managing 50+ vendor relationships
- Intelligence4start

Jan 2020 - Dec 2021

Melbourne, Australia

Project Management Intern

 - Spearheaded product development for client dashboard, conducting market research and competitive analysis across industries.
 - Led user research with 5+ enterprise clients that generate \$1M+ in potential revenue pipeline.
 - Managed product backlog and coordinated cross-functional teams using Agile methodologies.
- Cypress College

Aug 2016 - Jan 2018

Cypress, CA

Supplemental Instructor, Calculus II (Part-Time)

 - Led SI sessions for 80+ students, providing structured guidance to improve comprehension and exam readiness.

EDUCATION

- California State University, Fullerton

Fullerton, CA

Master of Science in Computer Science, AI & Machine Learning, GPA: 4.0/4.0

Jan 2023 - May 2026 (Expected)

Bachelor of Arts in International Business, Global Trade

Aug 2019 - Dec 2021

California Institute of Technology - AI & Machine Learning Bootcamp

Jun 2023 - Jan 2024

PROJECTS

- Virtual Teaching Assistant

Jun 2024 - May 2025

 - Built deepfake AI assistant processing 13 lecture videos into interactive Q&A system with <5s response time (AIED 2025)
 - Integrated 4-stage pipeline (RAG, GPT-4, voice cloning, video synthesis) reducing instructor workload by 80%
- Research Paper Extract System

Sep 2023 - Dec 2023

 - Developed automated analysis pipeline with AWS Lambda and LangChain to extract key findings from PDFs.
 - Implemented semantic analysis algorithms to structure academic content into searchable JSON format.

SKILLS

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| Languages | SQL, Python, JavaScript, SwiftUI, Web Development. |
| Product/Analytics | User Research, Data Analysis, Product Metrics, Market Research |
| Project Management | Trello, Jira, Slack, Microsoft Suite, iWork Suite |
| Methodologies | Agile, Scrum, Data Analysis, Serverless Architecture |
| Certifications | PwC Technology Consulting , Google Project Management |

INVOLVEMENT

- Kids Around the World

Mar 2023 - Present

 - Packing food for children in African countries, orchestrated mini-contests for community engagement.