

QUYEN DOAN

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EDUCATION

Augustana College, Rock Island, IL

Expected: 12/2026

Bachelor Degree in Computer Science and Graphic Design

GPA: 3.8

Google Developer Group President, Microsoft TEALS Teaching Assistant, 7× Hackathon Winner

WORK EXPERIENCE

Software Engineer Intern

Palo Alto, CA

Stanford Human Perception Lab

07/2025 — Present

- Developed a VR baseball simulation in **Unity** and **C#** to improve reaction time of professional athletes.
- Optimized swing input, reducing latency by 50 ms and improving hit accuracy by 15% in lab testing.
- Engineered a dynamic day/night cycle with custom shaders in Unity URP, increasing vision training immersion by 20%.

Software Engineer Intern

Remote

VietTech Mentorship

04/2025 — 07/2025

- Developed a **React Native** app for long-distance couples using **Supabase Realtime** and **hooks** for real-time connection.
- Engineered Spotify mirror-playback using Supabase and **OAuth** to enable real-time music sync across users.
- Built modular backend services with **PostgreSQL** and **REST APIs** for location updates, and data management.
- Drove product design in Figma by creating reusable UI components and refining them through iterative user testing.

Software Engineer Intern

Rock Island, IL

Vike App

09/2024 — 1/2025

- Led the strategic road map of Vike App, a **React Native** app streamlining 20+ weekly campus events for **2000** students.
- Optimized a camera scanning feature by adjusting data retrieval method on **Firestore**, resulting in an improvement in average scanning time by **60%**.

AI Project Management Intern

Salt Lake, UT

Skimble Inc

06/2024 — 09/2024

- Executed a strategic plan for an **AI personal recommendation** feature in the workout app; completed the project for **20M** users **one week ahead** of the planned launch date.
- Enhanced AI chat accuracy by analyzing user feedback and fine-tuning workout recommendation algorithms, boosting user satisfaction by 15%.
- Conducted **QA testing** across Android and iOS, identifying **5** critical factors leading to a reduction in user drop-off rates.

PROJECTS

AgentOps | Typescript, LangGraph, CSS, JSON, Python

[Github](#)

- 2nd place in **Hack-Nation Global AI Hackathon**: built AgentOps Replay - an agent a tool that shows every step an AI agent takes as a flowchart timeline and lets you **replay** runs
- Built a **Python SDK** with **LangGraph** hooks to log prompts, I/O, and policy flags as JSON, enabling bug reproduction.
- Designed an accessible **React** and **TypeScript** web console with live warnings and metrics, shipped within 24 hours.

PastPort | Flutter, Dart, SQLite, OpenAI API

[Github](#)

- Led a team of **5** to develop a full-stack app for interactive history using **Flutter**, **Dart**, and **SQLite**; managing historical data and securing **\$2,900** in service-based prizes at the Task Former Hackathon.
- Engineered an interactive AI chatbot using the **OpenAI API** to simulate conversations with 20+ historical figures; integrated a **8th Wall** environment in **C#**, aiming to raise user engagement in history by **25%**.

TECHNICAL SKILLS

Python, Java, C#, Dart, React Native | JavaScript, Native Wind, TypeScript | React, Node.js, MongoDB, Supabase, Express.js, Three.js