

QUYEN (QUINXIE) DOAN

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EDUCATION

Augustana College, Rock Island, IL

Expected: 06/2026

BA in Computer Science and Graphic Design | GPA: 3.76

Relevant Courses: Object-Oriented Programming, Software Development, Data Structures and Algorithms, Game Design and Development, Database, Principles of Computer System.

- **Technical skills:** Python, Java, C, C#, C++ | JavaScript, HTML, CSS, Dart, TypeScript | Swift, React, Node.js, Three.js, Next.js, jQuery, Express.js, SQL, Flutter, Bootstrap, Vite | Git, Eclipse, Visual Studio Code, GoDot, Linux.
- **Design skills:** Blender, Unity, Interaction Design, Framer, Adobe Creative Suite, Figma, Webflow, Illustration.

WORK EXPERIENCE

Skimble Inc, UT

06/2024 — Present

AI Project Management Intern

- Led AI project management initiatives to implement new AI features in the workout app, delivered the updated version for **20M** users **1 week ahead of time**.
- Enhanced AI 1:1 Chat feature to give better workout recommendations, increasing user satisfaction by **15%**.
- Conducted QA testing across Android and iOS, reporting **5** critical bugs and improving overall user experience.

Augustana College, Illinois

04/2023 — 07/2023

AI Research Assistant

- Played a key role in a published study in the International Journal of Computer Science & Information Technology (Impact factor: **1.9**), comparing text comprehension in IELTS Reading using GPT-3.5.
- Executed experiments and collected data, improved the accuracy to **65.38%** on 50 IELTS Reading tests by using the **RAG model**, Database **FAISS** and **Langchain**.

EDGE Center, Illinois

09/2022 — 03/2023

UI/UX designer and Front-end Developer

- Spearheaded a team of 6 software developers to craft 8 responsive websites using **React**, **TypeScript**, and **Tailwind**.
- Partnered with over 10 clients, using **Agile** methodology to refine design prototypes based on iterative feedback, improving project turnover times.

PROJECTS

Facial Detection | *Developer*

07/2024 — 08/2024

- Launched a **Python**-based facial recognition algorithm that transformed **9,000** images into vector embeddings using **OpenCV**; achieved a matching accuracy of **80%**, enhancing identification processes.
- Provisioned a vector database through **Aiven** with **PostgreSQL**, enabling efficient storage of facial data; reduced query execution time by **50%**, which improved the overall performance of related applications.

PastPort | Task Former AI Hackathon| *Software Engineer*

05/2024 — 07/2024

- Developed the full-stack app with **Flutter**, **Dart** and **SQLite**, managing and retrieving user data and historical data, securing **\$26,900** in service-based prizes in Task Former Hackathon.
- Engineered an interactive AI chatbot using OpenAI API that simulated conversations with **20+** historical figures; integrated a 3D environment in Unity and C#, expecting rising user engagement by **25%**.

PROFESSIONAL ACTIVITIES

TEALS Program, Microsoft

07/2024 — Present

Teaching Assistant (TA)

- Collaborated with classroom teachers to co-teach Intro to Computer Science courses, reaching classes of **50+** students.
- Conducted regular team planning meetings and received support from the **TEALS Regional Manager**.
- Attended a 3-hour **AVID** pedagogy training that focused on active learning; developed 5 new interactive assignments, received positive feedback from **95%** of students in follow-up surveys.

Google Developer Student Clubs, Illinois

05/2023 — Present

Vice President

- Orchestrated **10+** technology events, including AI workshops on **Streamlit**, **Mixtral**, **Gemini API**, and **Python SDK**.
- Led weekly coding study groups focusing on the UMPire method; resulted in **90%** of participants achieving significant progress in solving advanced coding challenges.