

DIEGO SAAVEDRA

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EDUCATION

University of Illinois at Urbana-Champaign

Expected Graduation: December 2024

Bachelor of Science, Computer Science

GPA: 3.5

Relevant Coursework: Data Structures, Computer Architecture, Web Programming, Database Systems, Cryptography, Text Information Systems, Machine Learning, Probability and Statistics, Distributed Systems

EXPERIENCE

Soma Reality

Los Angeles, CA | Jan 2024 – May 2024

Software Development Intern

- Added 10+ new features to the app with 200+ monthly users using React, increasing user engagement by 15%.
- Optimized AWS infrastructure by automating routine tasks, saving 70+ hours of manual work per month.
- Resolved data pagination issues, enhancing performance and presenting solutions directly to the CTO and CFO.
- Contributed to the development of a mobile app in a fast-paced, early-stage startup environment.

HelloAI

Aug 2023 – Present

Founder & CEO [\[Video Demo\]](#)

- Led the development of a social learning app using React Native and GPT-4 API, providing instant answers and explanations for scanned multiple-choice or manually typed questions within group or direct chats.
- Developed a business plan, designed the app, and prioritized features based on user feedback & market analysis.

University of Illinois at Urbana-Champaign

Jan 2023 – Aug 2023

Independent Study / Research

- Collaborated with Professor Yuxiong Wang to test and fine-tune various LLM models for text processing, achieving a 25% reduction in token usage for handling extensive text datasets requests in a web application.

University of Illinois at Urbana-Champaign

Aug 2024 – Dec 2024

Undergraduate Course Assistant for CS222 Software Design Lab

- Mentored multiple student teams of five on independent projects, assisting them in developing new skills and gain team experience.
- Answered student questions (8 hours/week) on course website, accessed by 500 students.

PROJECTS

- **LA Crime Observation** – Developed a high-performance data processing system in C++ for integrating and optimizing LAPD data using advanced SQL queries.
- **CS Degree Tracker** – Created a web application to track bachelor's degree progress, integrating the UIUC Courses API for real-time data retrieval and personalized user accounts.

SKILLS

Programming Languages: JavaScript, Java, C++, Python

Frameworks/Databases: React, Node.js, TypeScript, AWS, Spring, Firebase, Django, MySQL, Agile/Scrum, CI/CD