Mark Cirineo

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EDUCATION

University of Illinois at Chicago   **Chicago, Illinois**

B.S in Computer Science   *Expected Graduation, December 2024*

- o **Related Coursework:** Data Structures & Algorithms, Software Design, Machine Organization, Computer Design, Machine Learning, Systems Programming, Object-Oriented Programming, Statistics & Applications
- o **Related Activities:** Linux Users Group (LUG), Member since 2022

EXPERIENCE

University of Illinois Chicago   **Chicago, Illinois**

Undergraduate TA   *Aug 2024*

- Provided mentorship/assistance to 400+ students applying software development debugging techniques
- Lead and assisted in graduate TA labs consisting of 30+ students
- Course was taught in both C/C++ programming languages

Headstarter AI   **San Francisco, CA**

SWE Engineer Fellow   *Jul 2024 – Aug 2024*

- Built and deployed 5 AI projects in 5 weeks using React JS, Next.js, Firebase, Clerk, and Vercel, following agile methodologies with weekly sprints and incorporated CI/CD practices for iterative deployment
- Worked in a team of 3 to develop an interactive customer support agent using Next.js, integrated a custom RAG pipeline using OpenAI and Pinecone that responds based on a company's knowledge base
- Scaled each web-app to 200+ users, iterated on user feedback to make continuous optimizations

PROJECTS

SmartFlash   **Chicago, Illinois**

Team Lead   *Jul 2024*

- Developed an application that gave clients the ability to create any set of flashcards to fit their studying needs
- Created with NextJS, Firebase, and deployed with Vercel

Mock UberEats   **Chicago, Illinois**

Team Lead   *Jan 2024*

- Developed an Uber Eats clone that provided a similar function of the popular food delivery service.
- Created with React.js and Node.js

SKILLS

Programming: Python, Java, C++, C, Swift (iOS), Kotlin (Android), JavaScript, HTML/CSS, SQL(PostgreSQL and MySQL), Node.js, NextJS,, MATLAB

Tools: IntelliJ, PyCharm, Eclipse, Jupyter Notebooks, Git, Github, Docker, PowerBI, VBA for Excel