

Mateo Viteri

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EDUCATION

University of Illinois Chicago

Bachelor of Science in Computer Science

Chicago, IL

Expected: May 2027

- GPA: 4.0
- Relevant Coursework: Data Structures, Discrete Math, Software Design, Systems Programming, Machine Organization, Computer Design, Languages and Automata, Applied Linear Algebra, Probability & Statistics for Engineers
- Awards: Dean's List

TECHNICAL SKILLS

- **Languages:** C, C++, CSS, HTML, JavaScript, Python
- **Technologies:** Flask, Git, Google Cloud, Linux, MySQL, PyQt6, Pydub, React, Tailwind CSS

WORK EXPERIENCE

Sponsors for Educational Opportunity (SEO)

Tech Developer Intern & SEO Career Edge Participant

New York - Remote

June 2025 - August 2025

- Completed 300+ hours of rigorous computer science and software engineering training focused on data structures, algorithms, and full-stack web development.
- Collaborated in agile teams of 3-5 developers using SCRUM-like sprints and Kanban boards to design, build, and test full-stack applications.
- Built BookKeep, a full-stack web app that helps users track reading goals and discover books, using Flask, SQLite, React, Tailwind CSS, and APIs like Open Library and ZenQuotes.
- Complete industry-specific training and assessments focused on developing technical skills, institutional knowledge, and attention to detail to compete successfully for internships.

University of Illinois Chicago

IT Specialist Intern

Chicago, IL

June 2024 - August 2024

- Built a Python desktop app using PyQt6 to help faculty and staff capture, structure, and retrieve institutional knowledge through audio-to-text transcription and AI summarization.
- Integrated Google Cloud Speech, Pydub, and large language models (Gemini, Groq) to generate context-aware knowledge bases from spoken input and support multi-source information retrieval.
- Collaborated with professors to gather feedback and iterated on the design to enhance usability and functionality.
- Provided technical support and maintained IT systems to ensure reliable software and hardware performance across the office.

PROJECTS

Wealth Manager

In Progress

[Flask, HTML, CSS, JavaScript, Alpaca API, Gemini API]

- Developing a Flask-based fintech app to help students budget and plan for retirement. Integrated the Alpaca API for simulated investing and goal tracking, with Gemini planned for personalized insights. Front-end built with HTML, CSS, and JavaScript.

EXTRACURRICULARS

- SparkHacks (UIC Hackathon)
- NASA Space Apps Chicago

February 2025

October 2025