

Elliott Yoo

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EDUCATION

DePaul University

Chicago, IL

Bachelor of Science in Computer Science, Concentration in Software Development

Sep. 2023 – June 2027

- Extracurriculars: Chess Club, Men's Volleyball, Climbing Club
- Relevant Coursework: Data Structures I&II, Data Analysis, Algorithm Design and Analysis, Computer Systems I, Discrete Math, Generative AI

Niles North High School

Skokie, IL

Highschool Diploma

Aug. 2019 – May 2023

- Extracurriculars: CyberPatriot Founder, Varsity Volleyball, Chinese Club, Coding Club
- Relevant Coursework: Advanced App Development, AP CSP, AP CSA, AP Calculus

EXPERIENCE

Student Researcher - Instrument Building Team

Mar. 2025 – Present

DePaul University

Chicago, IL

- Conducting Chemistry Computation Research Under Professor Griffin Graham.
- Building spectrometer control software for experiments.

Computer Hardware and Tech Intern

June 2024 – Aug. 2024

Kodai Capital Management

Chicago, IL

- Designed and implemented a data freshness test in SQL to ensure relevance and accuracy across all databases.
- Created a strategy for asset management across offices in Chicago and New York

Software Intern

Feb. 2024 – Apr. 2024

EEL Electronic Solutions & Technologies

Remote

- Developed the login system and landing page for Android with Kotlin
- Assisted in planning of the software architecture.

Technology Department Intern

March 2023 – May 2023

Niles Township School District

Skokie, IL

- Answered and resolved support tickets for the technology office.
- Conducted repairs and maintenance on Chromebooks and student hardware
- Enrolled and installed software onto Chromebooks for the incoming freshman class.

PROJECTS

HotGirlWalk | *JavaScript, React, Node.js, Express, Google Maps Javascript API, Vite, Google Cloud*

March 2025

- Full-Stack travel optimization website to find the most efficient method of travel.
- React front end for rendering map with Google Maps API, calculating Uber fare estimate, and routes with Polylines
- Express and Node.js for back-end API handling and data parsing
- GitHub Repo: <https://github.com/eyoo217/HotGirlWalk>

Dormmate | *Python, Flask, React, REST API*

Feb 2025

- Developed Flask backend to handle all API calls and data calculations.
- Utilized CapitalOne's Hackathon API to create mock bank accounts and transactions.

gigaMAP | *Golang, Shell*

Feb 2024

- Created visuals and developed in a 2-person team in Golang
- Submitted for HackIllinois 2024

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, HTML/CSS, R

Frameworks: React, Node.js, Flask, FastAPI

Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib