Enes Demirel

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EDUCATION

DePaul University   Chicago, IL
B.S. in Mathematics and Computer Science, Minoring in Software Engineering   Sep. 2023 – Jun. 2027
GPA: 3.8

Relevant Coursework
Calculus I-II-III • Multivariable Calculus I • Discrete Mathematics I-II • Introduction to CS I-II • Data Structures I • Intro to Web Computing

WORK EXPERIENCE

Software Engineer Intern   Chicago, IL
AI Research Labs   Sept. 2024 – Present

- Collaborate with the development team to assist to build and maintain a full-stack web app that serves as a front for AI research and products, using Django for the backend and Next.js for the frontend.
- Help optimize website performance, implement RESTful APIs, and work on integrating the frontend with the backend.
- Participate in code reviews, contribute to feature development, and assist with debugging under the guidance of senior developers.

PROJECTS

howmanyplanesareflyingrightnow.com HTML, CSS, JavaScript, OpenSky API   Sep. 2024

- Built a responsive web app that shows real-time flight data, fetching the number of planes flying across different regions using the OpenSky API.
- Designed an intuitive interface with buttons for continent selection and dynamically updated plane counts.
- Implemented efficient data fetching and error handling for a seamless user experience.

Chat Application, Python, Tkinter, Sockets   Aug. 2024

- Developed a real-time, multi-user chat application using Python with sockets and Tkinter GUI, featuring username authentication and message broadcasting.
- Implemented real-time updates on connected users and managed client connections supporting multiple concurrent users.

Library Management System, Python, Tkinter, SQLite3   Aug. 2024

- Built a system to manage books, users, and loans with a Tkinter interface and SQLite3 for data storage, handling user authentication and real-time tracking.
- Added functionalities for users to add/request books and developed an admin dashboard for managing accounts, inventory, and approvals.

Weather Forecast Application, Python, Tkinter, OpenWeather API   Jul. 2024

- Developed an object-oriented weather app integrating OpenWeather API for current weather and 4-day forecast with toggleable Celsius/Fahrenheit units.
- Implemented real-time data retrieval, location updates, and customizable settings in a user-friendly Tkinter interface.

SKILLS

Programming Languages:	Python, C#, Swift, Java
Tools and Frameworks:	Tkinter, SQLite3, Git
Video Editing:	Premiere Pro

AWARDS

Dean's List, DePaul University   Fall 2023, Winter 2023, Spring 2024

LEADERSHIP/MENTORSHIP

Mentor   Chicago, IL
Keystone Youth Center   Aug. 2022 – Present

- Mentoring middle/high school students in my community, focusing on academic guidance, mental well-being, and adapting approaches to meet their evolving needs.
- Organizing activities to create a supportive environment and contribute to student development.