ENES DEMIREL

Chicago, IL · enesdemirelus@gmail.com · (847) 960-8176 · enesdemirel.dev

EDUCATION

DePaul University — Chicago, IL
B.S. in Mathematics and Computer Science, Minor 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-II • Linear Algebra • Intro to Web Computing

WORK EXPERIENCE

Undergraduate Research Assistant — Chicago, IL
DePaul University, College of Science and Health — Jan. 2025 – Present
- Assisting in mathematical research by implementing code to apply given formulas for determining angles using provided methodologies.

Grader — Chicago, IL
DePaul University, College of Computing and Digital Media — Jan. 2025 – Present
- Grading assignments for 90+ students in Data Structures I, providing feedback to improve understanding and collaborating with professors to ensure consistent grading standards.

Software Engineer Intern — Chicago, IL
AI Research Labs — Sept. 2024 – Dec. 2024
- Assisted in developing and maintaining a full-stack web app for AI research using Django and React.
- Participated in code reviews and debugging under senior developers' guidance, contributing to feature development and ensuring smooth frontend-backend integration.

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.

SKILLS

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

AWARDS

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