

EDUCATION

DePaul University B.S. in Mathematics and Computer Science <i>GPA: 3.84, Major GPA: 3.95</i>	Chicago, IL Sep. 2023 – Exp. June 2027
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WORK EXPERIENCE

Software Developer Intern <i>Airblox</i> <ul style="list-style-type: none">Building React components based on a design system provided by the UI/UX team.Using GitLab, Storybook, and Figma to collaborate and maintain consistent visual standards.Contributing to a frontend codebase used by a growing development team. <i>DePaul University, College of Science and Health</i>	Schaumburg, IL June 2025 – Present Jan. 2025 – Present <ul style="list-style-type: none">Modeled a Crab Nebula-inspired signal by rotating synthetic 2D point clouds and optimizing a kernel-based objective; implemented angle estimation via bisection and built an interactive <code>matplotlib</code> slider to explore angle dependence.Implemented and tested an AGD-Until-Guilty method (JAX) to certify convexity and surface counterexamples via witness pairs; evaluated behavior on convex and non-convex functions.
Grader <i>DePaul University, College of Computing and Digital Media</i> <ul style="list-style-type: none">Graded assignments for 90+ students in Data Structures, providing feedback to improve understanding and collaborating with professors to ensure consistent grading standards.	Chicago, IL Jan. 2025 – Apr. 2025

PROJECTS

Master the Masters , Next.js, TypeScript, Prisma, Supabase (PostgreSQL), Mantine, Tailwind CSS <ul style="list-style-type: none">Built a tracker that organizes schools by tiers, groups by location, tracks application stages, supports quick search and editing, and provides rich profiles with logos and MS program type.Implemented Next.js Route Handlers with Prisma on Supabase Postgres for CRUD, client-side filtering, soft-delete with reason and restore, and logo enrichment via external API.Designed a responsive desktop/mobile UI using Mantine components, Tailwind utility styles, modals, and in-app notifications.	Aug. 2025
Occasion , Next.js, TypeScript, Prisma, Clerk Auth, Railway, Vercel, MySQL <ul style="list-style-type: none">Built a full-stack event management platform with RESTful API endpoints and Zod schema validation for date restrictions, time conflict prevention, and data integrity across 8 event categories.Implemented Clerk authentication with protected routes and middleware to sync user sessions, enabling per-user event creation and tracking with relational database queries using Prisma ORM.Designed a responsive UI with Shadcn components featuring dynamic time selection, calendar date pickers, category filtering, and real-time form validation with toast notifications.	June 2025
Facial Attribute Classifier , TensorFlow, Keras, NumPy, OpenCV <ul style="list-style-type: none">Built a machine learning model using TensorFlow and Keras to classify facial image attributes from grayscale images.Trained the model on a custom dataset and evaluated accuracy using a separate validation set.Created a live camera interface with OpenCV to detect faces and apply real-time classification.	May 2025

SKILLS

Programming Languages:	Python, C++, C#, Swift, Java, JavaScript, TypeScript
Tools and Frameworks:	Git, GitLab, React, Next.js, NumPy, TensorFlow, Tkinter, SQLite3, Figma, Storybook, Jira

CERTIFICATIONS

Machine Learning Specialization – Stanford University (Coursera, 2025)

AWARDS

Dean's List , DePaul University	Fall 2023, Winter 2023, Spring 2024, Fall 2024, Winter 2025
Presidential Scholarship , DePaul University	Sep. 2023

LEADERSHIP / MENTORSHIP

Treasurer <i>DePaul AI Club, DePaul University</i> <ul style="list-style-type: none">Founding member managing the club's budget, financial records, and funding for AI-related workshops while collaborating with the executive team to organize events and foster member engagement.	Chicago, IL Oct. 2025 – Present
Treasurer <i>Turkish Student Association, DePaul University</i> <ul style="list-style-type: none">Founding member managing the club's budget, financial records, and event planning while collaborating with the executive board to organize cultural and community-building activities.	Chicago, IL Jan. 2025 – Present
Student Mentor <i>Keystone Youth Center</i> <ul style="list-style-type: none">Mentor for middle school through college students, providing academic guidance, emotional support, and organizing programs that foster engagement and personal growth.	Chicago, IL Aug. 2022 – Present