

Thomas Cazort

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EDUCATION

University of Southern California

May 2025

M.S. in Computer Science

Cumulative GPA: 3.5 / 4.0

University of Memphis

Graduated May 2023

B.S. in Computer Science

Cumulative GPA: 3.9 / 4.0 - *summa cum laude*

SKILLS

Programming	Typescript • Javascript • Python • Node.js • Java • Ruby
Web & Databases	React • Next.js • Express.js • SQL • Supabase • Prisma • Tailwind
Data Science	Pandas • NumPy • Scikit-Learn • Tensorflow • PyTorch • Keras
Technologies	REST APIs • GraphQL • Git • AWS • Unix • Azure DevOps

EXPERIENCE

Nora Music | Los Angeles, CA

Full-Stack Software Engineer

March 2024 - Present

- Decreased initial page load time by **600%** through efficient parallelization and server-database colocation
- Overhauled the frontend of key site pages using **React** and **Next.js**, implementing extensive updates and aligning with established **Figma** designs

Youdle - Early Stage Startup | Remote

Full-Stack Software Engineer

May 2023 - April 2024

- Optimized search algorithm to **decrease search time by 500%**, significantly improving user experience
- Independently developed and launched a Shopify **sales channel app**, enabling synchronization between multiple stores' inventory and Youdle's **Supabase** database
- Executed a complete overhaul of user interface (UI) using **React** and **Next.js**, implementing **Figma** designs, to elevate the user experience and interface
- Integrated **Google Maps API** to provide location-based search functionality for users, enabling them to locate stores in their area

University of Memphis | Memphis, TN

Undergraduate Researcher

Jan 2023 - Aug 2023

- Research Experience for Undergraduates (REU) under Dr. Deepak Venugopal focusing on fairness in **machine-learning** model feature selection
- Utilized **PyTorch**, **Tensorflow**, **Keras**, and **Pandas** to train models and analyze data to determine fairness

International Paper | Memphis, TN

Software Engineer Intern

May 2022 - Aug 2022

- Implemented a code automation and deployment tool that saves **~1000 hours** per year
- Designed a user interface that allowing developers to efficiently create, update, and delete change requests stored in a **SQL** database

PROJECTS

AI-Generated Image Classifier | Python, Tensorflow, Keras

Nov 2022

- Convolutional Neural Network that determines if art was AI generated with a **91% testing accuracy**
- Compares AI-generated art from Midjourney and human-created art from the Wiki-Art database