

Thomas Cazort

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EDUCATION

University of Southern California
M.S. in Computer Science

May 2025

University of Memphis
B.S. in Computer Science

Graduated May 2023

Cumulative GPA: 3.87 / 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

Youdle - Early Stage Startup | Remote

Full-Stack Software Engineer

January 2023 - Present

- Independently developed and launched a Shopify **sales channel app**, enabling synchronization between multiple stores' inventory and Youdle's **Supabase** database
- Optimized search algorithm to **decrease search time by 500%**, significantly improving user experience
- 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

HackSC | Los Angeles, CA

Software Engineer

Sept 2023 - Present

- Created a custom Discord bot using **Express.js** to streamline event management used by **200+** hackathon participants and sponsors
- Revamped the frontend of our team page utilizing **React** and **Next.js** while adhering to the established **Figma** design

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

Connectivity Software Engineer - IT Specialist 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.

Spotify Sub-Playlist Generator | Python, Django, AWS

May 2022

Web app that creates genre-based sub-playlists from a user's playlists or liked songs using the **Spotify API**. Built using **Django** on the backend and hosted on an **AWS EC2** instance.