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

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

Youdle - *Early Stage Startup* | Remote
Full-Stack Software Engineer *May 2023 - Jan 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
Connectivity Software Engineer *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