Thomas Cazort

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EDUCATION

University of Southern California *May 2025*
 M.S. in **Computer Science**

University of Memphis *May 2023*
 B.S. in **Computer Science**
 Cumulative GPA: 3.87 / 4.0; *summa cum laude*
Relevant Courses:
 Software Engineering, Data Structures and Algorithms, Database Design, Data Science, Neural Networks

SKILLS

Programming	Typescript ● Javascript ● Python ● Node.js ● Java ● Ruby
Web & Databases	HTML5 ● CSS ● React ● Next.js ● SQL ● Supabase ● Prisma
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 *May 2023 - Present*
- Created and published a Shopify **sales channel app**, enabling synchronization between multiple stores' inventory and Youdle's **Supabase** database
- Developed **GraphQL** queries in **Typescript** to connect and retrieve information from Shopify
- Contributed to the transition from Django to **Next.js** by converting key **REST API** functions

Student Software Engineer - *University Capstone Project* *Jan 2023 - May 2023*
- Integrated **Shopify's Storefront API** to allow local businesses to connect their inventory to Youdle's product search engine
- Led a team of 4 students using an **Agile development process** to effectively meet the startup's deadlines

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
- Led a team of 3 interns to win the **'Most Innovative Solution'** award in the intern hackathon

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.