

# Thomas Cazort

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## EDUCATION

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

*Expected Graduation, May 2025*

**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

|                            |  |
|----------------------------|--|
| <b>Programming</b>         | Python • Typescript • Javascript • Node.js • Java • Ruby     |
| <b>Web &amp; Databases</b> | HTML5 • CSS • React • Next.js • SQL • Supabase • Prisma      |
| <b>Data Science</b>        | Pandas • NumPy • Scikit-Learn • Tensorflow • PyTorch • Keras |
| <b>Technologies</b>        | REST APIs • GraphQL • Git • AWS • Unix • Azure DevOps        |

## EXPERIENCE

**Youdle - Early Stage Startup** | Remote

**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

**International Paper** | Memphis, TN

**Connectivity Software Engineer - IT Specialist Intern**

*May 2022 - Aug 2022*

- Implemented a code automation and deployment tool that saved **~1000 hours** per year
- Designed a user interface that allows 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

**University of Memphis** | Memphis, TN

**Undergraduate Teaching Assistant**

*Sept 2021 - Dec 2021*

- Supported a professor in teaching the Intro to Python and Discrete Mathematics course
- Provided a solid understanding of **Python programming** fundamentals, algorithmic complexity, data structures, etc.

## 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.