

Sophie Mettille

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Education

Temple University | College of Science and Technology | Philadelphia, PA

- ❖ Bachelor of Science Computer Science | May 2025
- ❖ GPA: 3.87, Dean's List - All Semesters

Relevant Coursework

- ❖ Program Design & Abstraction
- ❖ Data Structures
- ❖ User Experience Design
- ❖ Discrete Mathematics
- ❖ Operating Systems
- ❖ Software Design

Technical Skills

- ❖ Programming Languages: Java, C, JavaScript
- ❖ Web Development: HTML, CSS
- ❖ Design Tools: Figma, Axure, Adobe Illustrator

Publications

- ❖ Hou, Irene & **Mettille, Sophia** & Li, Zhuo & Man, Owen & Zastudil, Cynthia & Macneil, Stephen. (2024). The Effects of Generative AI on Computing Students' Help-Seeking Preferences. 10.1145/3636243.3636248.
- ❖ Hou, Irene & Man, Owen & **Mettille, Sophia** & Gutierrez, Sebastian & Angelikas, Kenneth & Macneil, Stephen. (2023). More Robots are Coming: Large Multimodal Models (ChatGPT) can Solve Visually Diverse Images of Parsons Problems. 10.13140/RG.2.2.17001.26720.

Work Experience

Coded By: | UI/UX Design Intern | June 2024 - August 2024

- ❖ Led a team of 3 to ideate, design, and develop a startup, Beautique, delivering a functional prototype in 8 weeks.
- ❖ Created wireframes, a design system, mockups, and interactive prototypes using Figma.

National Science Foundation | REU Site Community Leader | June 2024 - August 2024

- ❖ Organized weekly social and professional events for 10+ students, fostering a collaborative research community.
- ❖ Managed 10 undergraduate researchers, conducting weekly check-ins to ensure pitch readiness for the symposium.

Redvanly | Assistance Project Manager | Jersey City, NJ | November 2019 - May 2024

- ❖ Worked closely with the founder to expand a men's athletic apparel startup into 1,000+ stores nationwide.
- ❖ Optimized order processing, inventory management, and shipping, achieving consistent double-digit growth.

Leadership Experience and Activities

Temple HCI Lab | Research Lead & Social Media Manager | July 2023 - Present

- ❖ Conducted research on AI chatbots vs. human feedback and GPT-4's problem-solving accuracy, analyzing data from 30 surveys and 10 interviews.
- ❖ Developed and executed weekly social media strategies, enhancing lab visibility and engagement.
- ❖ Led a team of 4 to produce high-quality content, expanding the lab's online presence.

Owlhacks at Temple | Creative Director | June 2023 - Present

- ❖ Developed and executed creative strategies to engage students, leading to a significant increase in hackathon registration from 150 to 400 between Spring and Fall 2023.
- ❖ Collaborated on 5 concurrent projects, delivering high-quality social media content, posters, and promotional materials to boost event participation.

Google Developer Student Club at Temple | Secretary | August 2023 - May 2024

- ❖ Launched the Secretary role in the newly established club, overseeing club communications, event planning, and member engagement activities.
- ❖ Grew the club's membership from 0 to 45 within 2 months by organizing regular events and fostering a collaborative tech-focused community at Temple University.