

Ofona Likaka

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EDUCATION

Wayne State University

Bachelor of Science in Computer Science

Detroit, MI

Aug. 2022 – Dec 2026

PROJECTS

Swinging Boat Ride | *Siemens NX, Arduino, 3D printing*

September 2022 – December 2022

- Developed 2D design sketches and transformed them into detailed 3D models and simulations using Siemens NX, bridging conceptual art and engineering design.
- Created and presented a project proposal outlining objectives, design approach, and feasibility, leading to successful approval and completion.
- Collaborated in a team of three, coordinating design, electronics, and fabrication tasks to ensure a cohesive and functional prototype.
- Recognized with project awards for innovation and execution, highlighting strong design vision and interdisciplinary teamwork.

Tabbi! | *React JS, HTML 5, Procreate*

January 2024

- Produced pixel art and digital assets in Procreate for a cross-functional hackathon team of four.
- Collaborated with developers and designers to integrate visuals seamlessly into the app prototype.
- Utilized design thinking and rapid iteration to deliver polished, user-friendly visuals within a 24-hour timeframe.
- Collaborated with a team of four to design and prototype Tabbi, a creative productivity app created at a hackathon.

EXPERIENCE

Team Member

Sep. 2024 – Present

Warrior Racing (Formula SAE)

Detroit, MI

- Contributed to documentation and rule compliance efforts, ensuring team designs met Formula SAE safety and competition requirements.
- Assisted with maintaining organized project records, helping streamline communication across mechanical, electrical, and software subteams.
- Supported safety reviews and checklist development for workshop practices and competition preparation.

Event Coordinator

Sep. 2024 – Present

National Society of Black Engineers

Detroit, MI

- Plan and organize events, workshops, and conferences that align with the mission and goals of NSBE
- Manage event budgets, ensuring cost-effective solutions while maintaining high-quality experiences.
- Promote events through social media, flyers, and email campaigns to engage both current members and prospective attendees

College Instructor

July 2024 – August 2024

Wayne State University Math Corps

Detroit, MI

- Teach and mentor middle and high school students in mathematics, fostering a supportive learning environment.
- Collaborate with fellow instructors and program leaders to continuously improve teaching methods and program outcomes.
- Assist in curriculum design that emphasizes problem-solving, teamwork, and critical thinking.

ACHIEVEMENTS

Best in Section: Swinging Boat Ride

Second Best Overall: Swinging Boat Ride

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R

Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI