

Emilie Mutoniwabo

edmutoniwabo@gmail.com • (919)-802-3502 • www.linkedin.com/in/emilie-mutoniwabo • <https://github.com/edmutoni>

EDUCATION

The University of North Carolina at Chapel Hill | Chapel Hill, NC

B.S. in Computer Science, B.S. in Information Science | GPA: 3.7/4.0

August 2023

Relevant Courses: Foundations of Computer Programming (Java), Data Structures and Analysis, Introduction to Programming (Python), Systems Fundamentals

TECHNICAL SKILLS

Programming Languages: Python (Proficient), Java (Proficient), JavaScript (Intermediate), CSS (Intermediate), HTML (Beginner), C (Beginner), C# (Beginner)

Other technical skills: Onshape (Proficient), Figma (Proficient), Bootstrap (Intermediate), Mudbox (Intermediate), Maya (Intermediate), Adobe Photoshop, Adobe Premier Pro

PROJECTS

Drum Rhythm Game | UNC AR/VR Development

October 2024 - Present

- Collaborating with a small team to create a VR single-player rhythm game where the player engages with a drum in synch with music.
- Used C# in Unity to program a responsive drum system with dynamic sound effects that adjust to the player's force.

Pearl A Sustainable Shopping Website | Pearl Hacks

February 2024

- Worked with a team to design a website using Figma that encourages sustainable online shopping by displaying a catalog of products with the corresponding company's sustainability score.
- Utilized Figma's wireframing feature to fully simulate a working website. Created animations such as an interactive image carousel, scrolling bar, and accessibility features using Figma's components feature along with wireframing.

Animal and Natural Environment Reel | Media and Journalism 585

Spring 2025

- Utilized Mudbox and Maya to fully sculpt, model, and rig a working impala and turtle model.
- Using Adobe After Effects to edit and composite a highlight reel showcasing the animations of the finished models.

LEADERSHIP EXPERIENCE

Ambassador | UNC Dept. of Computer Science | UNC-Chapel Hill

August 2024 - Present

- Collaborating with a group of 12 UNC CS students to organize community events and drive initiatives that focus on student wellness.
- Implementing a structured planning pipeline that defines goals, timeline, and budget for the team and our advisors.

Chair of Logistics | Pearl Hacks | UNC-Chapel Hill

April 2025 - Present

- Owner of Pearl Hacks, a hackathon with over 600 participants, as an event, and oversees how it is run. Leads the Logistics team in addition to creating the budget, run-of-show, and venue logistics.
- Engaged in weekly budgeting and management meetings with other Pearl Hacks directors and the UNC CS external relations department to streamline event execution.

OTHER EXPERIENCE

Barista | The Meantime Coffee Co. | Chapel Hill, NC

Aug 2024 - Present

- Prepares coffee and other cafe beverages, works the register, and collaborates with a team of people to provide excellent customer service in a fast-paced environment.
- Other soft skills: Multi-tasking, Adaptive Learner, Interpersonal skills