

## EDUCATION

*University of North Carolina at Chapel Hill*, Chapel Hill, NC

**August 2022-Present**

- B.A. Computer Science, B.S. Information Science, Neuroscience Minor
- Relevant Courses: UX Strategy & Design, Data Structures, Discrete Structures

GPA: 3.726

*The North Carolina School of Science and Mathematics*, Durham, NC

**August 2020-May 2022**

- Residential Program

Weighted GPA: 4.9

## PROFESSIONAL SKILLS

### *Teamwork and Adaptability*

**Kappa Phi Lambda Sorority Inc. Secretary:**

**2023-Present**

- Lead and present weekly professional deliverables to a large audience
- Plan financial literacy panels, coordinating and communicating with professionals
- De-escalated conflicts within team members

**Applications in Entrepreneurship:**

**2021-2022**

- Collaborated and led activities with a team
- Created MindDollar, an app using behavioral science through nudges and incentives to help users develop better savings habits and make better financial decisions

### *Objective Skills*

**HTML, CSS, JavaScript, Python, Java, C, MatLab, Unix, Figma, 3D Printing, Fusion 360, Audacity**

- Experience with writing code for website production and data science analysis
- Technologically fluent with research programs

**Mandarin Chinese (Fluent)**

- Bilingual in Chinese and English

## OTHER KEY ACTIVITIES

**Founder, Le Nova Studios:**

**2024-Present**

- Provide designer handmade press-on nails, using 3D resin printing to optimize designs and customization
- Create marketing plans and promotional material to increase brand recognition

**Co-Founder, 3D Custom Maps:**

**2023-Present**

- Design and create bicolor, 3D topographical map of school campuses using Fusion360, expanding from UNC to NCSSM
- Create marketing plans and promotional material to increase brand recognition, amassing over 35.5k views on a singular post

**Chief Operations Officer, Chapel Thrills Escape:**

**2022-2023**

- Managed and updated organization website, managed personnel and payroll, resolved inquiries from customers
- Optimized customer experience by writing accessibility statements and conducting accessibility research

**Front End Developer, The Helping Hand Project UNC Chapter:**

**2023**

- Used HTML, CSS grid and flexbox, and Javascript to create a custom website for the organization showcasing past projects and providing outreach services.

**Coach, CodeWiz Durham:**

**2023**

- Mentored students on their Computer Science interests: Scratch-based game design (Minecraft mods and Roblox), Web Dev or Python, 3D Printing or Unity-based game design.
- Designed and led camps in collaboration with the Girl Scouts of the USA teaching young girls Scratch-based coding, robotics with First Lego League, and Cybersecurity

**Undergraduate Researcher at Bai Lab:**

**2023**

- Wrote programs using Python and Arduino IDE translating sensor data transmitted to a BLE enabled device to create continuously updating graphs

**Research Mentorship (NCSSM and NCSU), Dr. John Muth:**

**2021-2022**

- Researched the effects of UV radiation and the ocean surf zone on microplastic samples
- Designed device using CAD, 3D printing technologies, and laser cutting to mimic simulations of ocean surf zone environments

**Computer Science Summer Institute Scholar, Google:**

**Summer 2022**

- Participated in a 4-week intensive computer science summer mentorship program by Google engineers
- Configured 14 individual coding projects in JavaScript by using concepts such as variables, data types, and functions
- Programmed and delivered a final project presentation that included a live demonstration of Google Maps API integration to Google employees and community leaders