

# Neha Lalani

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Portfolio: <https://nehalalani.github.io/>

## EDUCATION

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**M.S in HCI Computer Science, Georgia Institute of Technology**

**Class of December 2023**

**GPA: 4.0**

**B.S, Computer Science**

**Class of December 2022**

**Georgia Institute of Technology** College of Computing (Dean's List Honors)

**Affiliations:** ATL Tamasha (Board Member), A-Town Showdown (Liaison), GT Ramblin' Raas (Dance Member), IOS club, IPN campus lead

**Course Work:** Data Structures and Algorithms, Object Oriented Programming, Objects and Design, Media Devices and Architecture, Linear Algebra, Social Psychology, Cognitive Psychology, Computer Graphics

## WORK EXPERIENCE

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**Motorola Solutions**, Plantation, FL

May 2023 - August 2023

*User Interface/User Experience Software Development Intern*

- Developed and Designed a new CPS application using Zone Cloning for Firefighters fighting wildfires
- This allowed Firefighters fighting wildfires to better connect to the CPS network and quickly access the UI and shortcuts they needed on their radios
- Programmed and demonstrated how the new CPS application can help save lives by limiting the time needed to search for items on the interface

**Motorola Solutions**, Plantation, FL

May 2022 - August 2022

*Software Development Intern*

- Spearheaded plan for transition process from Tableau to PowerBi for dashboard creation including researching PowerBI, understanding the original Tableau dashboard, and finding ways to create the first fault's dashboard using PowerBI to serve police departments and safety officials
- This allowed Motorola to better notify Police departments about software updates and faulty devices, as well as effectively track devices and prevent device failures during potential emergencies
- Demonstrated how switching saves Motorola employees 200 hours and resources when using Tableau

**Southern Grace**, Dallas, TX

May 2021 - July 2021

*Product Manager Intern*

- Established the company's new website from a personally maintained website to one based on the Shopify API for over 30,000 products
- Enabled the company to cut product intake time in half as well as efficiently organize products based on serial numbers

## PROJECTS

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**Vertically Integrated Project**, Tutor JS, Atlanta, GA

January 2022 - Present

- Collaborated with 4 other members using Android Studio and Java to aid in the progression of a tutoring app and website using React to create a chatbot for the tutoring website for TutorJS
- Designed wireframes using Figma to create the graphics, screens, and layouts for the app as well as the website before development

**Global Warming Video Game**, Atlanta, GA

January 2021-Present

- Used C# to program and design a video about global warming and its effects using Unity and VS code
- Real-time graphics as well as designing sprites and other animations in 3D in C

**Care Bear Sleep App**, Atlanta, GA

January 2022 - May 2022

- Mastered Figma to design and develop a sleep app for college-level students to help track their sleep cycles

## ACTIVITIES, SKILLS & VOLUNTEER WORK

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**Skills:** Java, Python, C#, HTML, CSS, JavaFX, CSS, Microsoft PowerBi, Docker, Node.js, GitHub, Jira, Figma, Android Studio, Swift, Unity