

LAMA ABED

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Education

University of North Carolina at Chapel Hill

B.S. Computer Science May 2024

Related coursework: Data structure, computer organization, modern web development, object-oriented programming, system programming fundamental

Honors: Dean's List Freshman year.

Technical Skills

Programming languages: Java, JavaScript, CSS, HTML, Python, Swift, ML, C, C++, C#, React, React Native, AWS.

Design & content creation: Figma, Photoshop, adobe illustrator, adobe premiere, Final Cut Pro, 2D & 3D Modeling.

General: Microsoft products proficiency (word, Excel...), team management, leadership, project management, data analysis.

Projects

Safe Slumber| Pearl Hacks

Feb 2022

- Machine that can monitor sleep occurring due to post-covid issues, alarms for medication intake through an app that analyzes the data to curate graphs and data about sleeping patterns.
- Built with **C++** code and **Python**, and the app **UI** was designed with **Figma** and then was deployed into **swift**.
- Submitted for the Pearl Hacks hackathon 2022 and won 3rd place in overall best projects category.

UNC App Lab Prototyped Website | App-a-thon Workshops

Feb 2022

- Rebuilt UNC App Lab's website with **CSS** and **HTML** and **JavaScript**.
- Constructed a workshop about **UI/UX design** using Figma, CSS, HTML and used the website as a live demo.

Artificial intelligence Optic nerves | Intel ISEF Research Project.

May 2019

- Machine learning** and AI-based project helps analyze light and turn it into electrical impulses to explain vision to the visually impaired
- Programmed with **python** and wiring of electrical circuits.
- Submitted as a part of the Intel ISEF 2019 competition. Won 5th place nationally. Was presented in the United States as an Intel Alumni.

Relevant Experience

UNC App Lab | App Lab Manager | Chapel Hill NC

August 2021 – Now

- Managed and supervised projects developed by UNC students. Helped students that attended our facilities via debugging code.
- Helped organize a semester long Hackathon, "App-a-thon", and judged apps according to our teams' criteria and gave workshops on UI/UX design to help the participants work on their web design.
- Established clear system performance standards and writing technical specifications by attending team leadership meetings every week; communicated well with the team of App Lab managers and bosses.

SPARKNIT INC.| Software Developer Intern| Charlotte NC

May 2021 – August 2021

- Assisted my supervisors with their work in the company including analyzing trends, being in leadership meetings, and contributing to campaign ideas.
- Developing web parts for MS SharePoint using ASP.net and C#, participating in the development of e-forms product using Asp.net / C# / HTML and JS. Participating in the development of a workflow product using ASP.net / C# / HTML and JS.

UNC School Of Government| Multimedia Content Creator| Chapel Hill NC

August 2020 – May 2021

- Curated content for our customers that served their target audience based on analyzed social media trends and data. Designed special campaigns for our customers to achieve their goals within joining social media.
- Used final cut pro to edit and produce videos for YouTube and TikTok and adobe photoshop to create side part media content for advertising.
- Joined weekly meetings with our team to discuss how effective our implemented strategies were

Additional Experience

Women in computer science Club | Director & club's content creator| Chapel Hill NC

August 2021 – Now

- Compose ideas regarding events for the club, create the advertisement media, and direct social media for the club.

UNC TEDx| Creative Team Director| Chapel Hill NC

August 2021 - Now

- Produced media content for TEDx UNC, and lead my team to create content about our current campaign to post on social media