Hamzah Yousuf

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Education

University of North Carolina at Chapel Hill - Chapel Hill, NC   **May 2027**
B.S. Computer Science, Minor in Data Science
- **GPA:** 3.965
- **Scholarships & Awards:** UNC Covenant Scholarship (Full Tuition), Dean's List
- **Relevant Courses:** Discrete Structures, Data Structures and Analysis, Introduction to Programming and Data Science, Systems Fundamentals (In Progress), Foundations of Programming (In Progress)

Experience

FIDELITY HACKATHON - *May 2024*
Developer
- Developed an application with a 5-person team that used **Node.js**, **HTML**, and **CSS** to match users to local daycare options based on collected parameters
- Prototyped initial concepts to reach an MVP in **Figma**, while iterating requirements with the team in an agile manner
- Presented project to Fidelity SWEs and Product Managers, validating use case, approach, features, scalability, and receiving feedback

CAROLINA IOS APP DEVELOPMENT TEAM - *Jan 2024 - Present*
App Development Academy Member
- Part of highly selective iOS academy program, built iOS applications in Xcode using **Swift** and the SwiftUI framework, while leveraging concepts like MVVM, view organization, and binding
- Developed and Presented my app to peers at gala, receiving feedback on demonstrated functionality, design process, and proposed features for future iterations

NWF STRATEGIES - *Summer 2022*
Policy Data Intern
- Analyzed data for New York's 12th District congressional race to drive insights for opposition research on voter-related topics, campaign effectively at the grassroots level, and researching voter outreach

Projects

Simon Game - *Summer 2024*
- Built an interactive Simon game using **jQuery, HTML, CSS,** and **JavaScript**, featuring responsive design, dynamic difficulty scaling, and real-time visual and audio feedback.

Address Finder Map Application - *Spring 2024*
- Developed a global maps application using **Swift, SwiftUI, and MapKit**, implementing MVVM architecture for maintainable and scalable code.
- Enhanced user experience with smooth card animations, dynamic map scaling, and a history feature for previous searches.

Skills

- Proficient in **Java, Python, HTML, CSS, Javascript, Bootstrap, jQuery, Swift, Node.js** and **SQL**
- Quick learner and team player with experience working in an **AGILE** environment