Benjamin Medhat Kaheel

919-649-3286 | bmkaheel@unc.edu | https://linkedin.com/in/benkaheel | https://benkaheel.com

EDUCATION

University of North Carolina at Chapel Hill – Chapel Hill, NC   **May 2026**
Bachelor of Science, Computer Science | **GPA:** 3.94 / 4.00

Coursework: Programming & Data Science, Data Structures & Analysis, Discrete Structures, Systems Fundamentals, Foundations of Programming, Computer Organization, Models of Languages & Computation, Foundations of Software Engineering, Calculus (I, II, III)
Honors and Awards: Honors Carolina, UNC Scholars Program, RBC Carolina Scholarship (Merit Scholarship), Accelerated Research Program, Dean's List (Spring 23' – Present)
Certifications: Microsoft Certified: Azure AI Fundamentals, Siemens Mobility Project Manager Job Simulation Certification

SKILLS

Programming Languages: Python, Java, JavaScript, Typescript, HTML/CSS, C, Swift
Technologies: ReactJS, AngularJS, SwiftUI, RESTful APIs, Git, Flask, Linux, Docker, Vim, Jupyter Notebooks, Figma
Languages: Arabic (Native), English (Fluent), Spanish (Conversational)

PROJECTS

Group Reservation System | Department of Computer Science at UNC-Chapel Hill   *October 2024*
➢ Led end-to-end frontend development of a room reservation system serving more than 1,800 CS students, architecting TypeScript components and Material UI interfaces while implementing complex validation logic that increased space utilization by 40%.
➢ Integrated frontend with RESTful APIs to handle multi-user scheduling workflows, collaborating with backend team to implement capacity constraints and conflict detection that reduced booking errors by 85%.

benkaheel.com | Personal Portfolio Website   *August 2024*
➢ Developed a visually appealing personal portfolio website using React and Sass, creating an engaging user experience and showcasing projects, skills, and achievements effectively.
➢ Optimized website performance by identifying areas of improvement on different screen dimensions and leveraging the use of 3+ breakpoints to improve navigability and UX on mobile devices.

EXPERIENCE

iOS Developer – App Team Carolina   *September 2023 - Present*
➢ Developed and maintained production-grade iOS applications using Swift and SwiftUI through a structured apprenticeship program, collaborating with UI/UX designers and product managers in an industry-simulating environment.
➢ Enhanced learning experience by developing game summaries and progress tracking features that earned a 4.9/5 App Store rating, while ensuring VoiceOver compatibility and Switch Control support through accessibility-first design patterns.

Operations Coordinator – The Car Park   *September 2023 - Present*
➢ Streamlined daily operations for a team of 29+ staff, implementing efficient systems for equipment distribution, digital documentation, and on-the-job training, while troubleshooting technical issues to increase overall operational efficiency by 15%.
➢ Executed data-driven logistics plans for 7 high-volume events (21,750+ attendees each) within 30 days, optimizing resource allocation and coordinating cross-functional teams to ensure adherence to SOPs and improve shift change efficiency by 20%.

LEADERSHIP AND COMMUNITY INVOLVEMENT

Founding Director, Thirst Service Initiative – St. Mary's Coptic Orthodox Church   *September 2024 - Present*
➢ Led launch of campus outreach initiative at UNC-Chapel Hill, coordinating monthly stations reaching 500+ students per semester and partnering with 3+ student organizations to facilitate Orthodox Christian dialogue.
➢ Engineered scalable operational framework for multi-campus expansion, developing training materials and standardized procedures while directing volunteer recruitment and management.

Project Manager, Social & Service Initiatives – UNC Arab Student Organization   *April 2023 - Present*
➢ Managed 5+ major events with 9-person team, implementing Slack for communication and Trello for task tracking, reducing planning time by 33% and increasing attendee satisfaction by 25%.
➢ Led fundraising campaign from conception to completion, coordinating 40+ volunteers and employing data analytics for progress tracking, resulting in 150+ service hours and $6,000+ raised for Middle Eastern relief efforts.