

Mohamad Hamsho

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EDUCATION

The New York City College of Technology Brooklyn, NY	2019 - 2023
B.S. in Biomedical Informatics	GPA: 3.3/4.0
Western Govern University Salt Lake City, UT	Expected Graduation: 2024
B.S. in Software Engineering	

PROJECTS

Point Pal Fordham Foundry Competition	March 2024
<ul style="list-style-type: none">Developed custom software solutions using Java and React to create Point Pal, a loyalty point tracking system.Utilized JavaScript libraries such as React and Redux for frontend development.Implemented secure coding practices and vulnerability mitigation techniques to ensure data protection.	
Doggo AI Headstarter AI	July 2024
<ul style="list-style-type: none">Developed an AI-powered system using React and Next.js, designed to deliver advanced AI capabilities.Integrated OpenAI's NLP to enhance interactive and dynamic user experiences.Conducted A/B testing and analytics to refine system features, increasing user retention.	

PROFESSIONAL EXPERIENCE

Software Engineer Fellow HeadStarter AI New York, NY	July 2024 - Current
<ul style="list-style-type: none">Built and deployed 6 AI projects in 6 weeks using React JS, Next.js, and Firebase, following agile methodologies and CI/CD practices for iterative deployment.Participated in weekly sessions with engineers from Google, Y Combinator, Stanford, and Amazon, incorporating best practices and feedback to enhance project outcomes.	
Co-Founder & Developer Baraqah Bros. LLC Brooklyn, NY	July 2023 - Present
<ul style="list-style-type: none">Developed a high-performance, gamified educational app using Flutter, driving user engagement through micro-learning.Leveraged AWS to create scalable, secure online features, ensuring reliable access and data protection.Engineered real-time UI components, delivering an intuitive and interactive user experience.	
Software Engineer Ummaapp LLC Brooklyn, NY	August 2022 - June 2023
<ul style="list-style-type: none">Optimized front-end architecture, enhancing user experience and engagement through responsive design.Cut server response times by 20% and improved streaming for 10K+ daily users through backend.Implemented scalable database solutions, efficiently handling large volumes of user-generated content.	

TECHNICAL SKILLS

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- Programming Languages:** Java, JavaScript, Python, C#, HTML/CSS, Swift, React, PHP, SQL
- Tools:** Docker, Unity, Google Workspace, Firebase, Figma, AWS React
- Certifications:** AWS Certified Cloud Practitioner