Tahmid Hussan

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EDUCATION

CUNY Queens College — Flushing, NY
Bachelor of Arts in Computer Science — *Aug. 2021 – December 2025*
- Relevant coursework: OOP in C++ and Java, Advanced Programming in Python, Data Structures and Algorithms, Database Systems, Software Engineering

CodePath — Remote
Android Development — *Feb. 2024 – April 2024*
- Developed proficiency in Android development through creating applications using **Kotlin** and **Android Studio**.

EXPERIENCE

Lead Software Engineer Intern — June 2024 – August 2024
TheraMotive — *Brooklyn, NY*
- Led a team of **10+** interns to develop a company dashboard, optimizing task assignments and project workflows, which resulted in a **30%** reduction in project turnaround time and consistently met milestones.
- Collaborated with the CEO to identify key dashboard requirements, resulting in a **60%** improvement in company operations and aligning the project with business goals.
- Managed the full software development life cycle, leading to a **50%** improvement in feature deployment speed and ensuring the dashboard met all functional and security requirements.
- Authored **20+** pages of detailed technical documentation to support the project's maintenance.

PROJECTS

TheraMotive Company Dashboard | *Next.js, React.js, MongoDB*
- Designed and implemented a dashboard using **Next.js** and **React.js**, enhancing user engagement and productivity by **35%** through real-time analytics, a CRUD-based to-do list feature, and a customizable Google Calendar integration.
- Integrated Instagram and Facebook APIs to fetch and display key metrics, improving data retrieval speed by **40%** and increasing social media metric visibility, while ensuring secure server-side data handling.
- Leveraged **Clerk** for streamlined authentication and user management, implementing secure role assignments and account settings, improving user management efficiency by **55%**.
- Connected the application to a **MongoDB** database, enhancing data reliability and reducing data retrieval time by **30%**, while ensuring secure storage for user information.

Personal Portfolio Website | *HTML, CSS, JavaScript*
- Developed a personal portfolio website using **HTML**, **CSS**, and **JavaScript**, that increased professional visibility, leading to a **20%** increase in interview requests.
- Built a dynamic navigation menu, enhancing user engagement by **30%** through responsive design optimized for over **50** different device types.

Lebron Discord Bot | *Python*
- Developed a Lebron-themed **Python** Discord bot using discord.py, integrating ZenQuotes and Giphy APIs to improve content delivery by **30%** and increase server engagement by **70%** through motivational quotes and GIFs.
- Deployed the bot across multiple servers, expanding its reach and contributing to a broader community, leading to increased engagement and interaction across different Discord communities.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, Kotlin, JavaScript, HTML/CSS
Frameworks: React.js, Next.js, Node.js, Express.js
Technologies and Tools: MongoDB, GitHub, Git, Clerk, REST APIs