Faizan Hussain

San Francisco, CA • fh@gatech.edu • linkedin.com/in/faizanhussainn • faizxnn

Education

Georgia Institute of Technology   Atlanta, GA
MS, Computer Science (AI/ML Concentration)

Relevant Coursework: Deep Learning, Machine Learning for Trading

Arizona State University   Tempe, AZ
BS, Computer Science   GPA: 3.6 (Dec '23)

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Distributed Software Development, Mobile Application Development, Database Management, Software QA and Testing, Computer Information and Security

Experience

iTradeNetwork   Dublin, CA
Software Engineer Intern   2024 – Present
- Developing high-performance **Angular** and **WebAssembly** components for an inventory dashboard used by 2,000+ Kroger locations nationwide, enhancing UI responsiveness and scalability for real-time tracking.
- Leveraged **GraphQL** and **Redis** to optimize data fetching and caching, reducing backend load and speeding up data retrieval by ~ 30%.
- Partnering with product teams to define KPIs and translate customer requirements into technical specifications.
- Leading daily code reviews with our offshore engineering team, ensuring technical alignment with project goals.

Ebryx   Remote
Software Engineer Intern   6/2022 - 9/2022
- Optimized deployment pipelines by integrating containerization with **Docker** and **Kubernetes**, enabling faster and more reliable test automation workflows.
- Developed automated test suites w/ **Selenium WebDriver**, significantly increasing regression testing efficiency.
- Created some of the earliest technical documentation, streamlining onboarding for engineers to come (:

Graphiant   San Jose, CA
Software Engineer Intern   06/2021 - 08/2021
- Built interactive network monitoring tools with **React** and **Python**, enabling real-time data visualization and improving the efficiency of troubleshooting network issues.
- Developed and maintained **RESTful APIs**, ensuring seamless integration with frontend components and optimizing performance for high-traffic applications.

Genentech   South San Francisco, CA
Product Manager Intern   05/2020 - 09/2020
- Interned w/ the Data Science and Patient Marketing teams on the development of an AI support bot, facilitating its launch in 4 months and engaging 3 engineering teams in the process.
- Led daily Scrum stand-ups, sprint planning, and demos, using **Jira/GitHub** to track velocity and identify roadblocks, accelerating the development cycle.
- Offered by manager to stay on the team part-time after summer internship had concluded.

Skills

Languages: Python3, JavaScript/TypeScript, Java, SQL, Bash
Frameworks & Libraries: React, Angular, GraphQL, FastAPI, Redis, WebAssembly, React Native, Swift UI
Tools: Postman, Firebase, Docker, Selenium, Git, Datadog, Jira/Confluence, Figma, Asana