

# Faizan Khan

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## TECHNICAL SKILLS

**Programming Languages:** Java, Python, SQL, JavaScript, TypeScript, C++

**Technologies & Tools:** AWS (Lambda, EC2), Git, Docker, PostgreSQL, Redis, MongoDB, RESTful APIs

**Frameworks & Libraries:** TensorFlow, React, Node.js, GraphQL

**Development Practices:** Agile (Scrum/Kanban), Secure Coding, Automation, Data Pipelines, Debugging

## EXPERIENCE

**Brooklyn College** - Research Assistant | Brooklyn, NY

June 2024 - Present

- Automated secure data processing workflows, reducing manual intervention by 40% and ensuring compliance with data protection standards for 100+ academic users.
- Built scalable parsers to transform web content into structured JSON datasets, integrating secure data pipelines and enforcing data security protocols.
- Applied Agile methodologies to collaborate with faculty and peers, delivering solutions ahead of deadlines.

**AutoLake LLC** - Frontend Engineer Intern | Berkley, CA (Remote)

July 2025 - September 2025

- Designed and implemented responsive UI components, improving user experience and accessibility.
- Collaborated with cross-functional teams to integrate RESTful APIs and optimize real-time data flow, enhancing system efficiency by 25%.
- Diagnosed and resolved 15+ security vulnerabilities, showcasing expertise in secure coding for web applications.

**Verastem Oncology** - Information Technology Intern | Needham, MA (Remote)

June 2024 – August 2024

- Automated data workflows using Python and SQL, reducing manual workloads by 30% while enhancing data security and risk management.
- Configured and debugged secure Linux environments, showcasing expertise in automation tooling and system security optimization.
- Supported IT operations, ensuring compliance with enterprise-level security standards.

## TECHNICAL PROJECTS

**InsightDash** – Creator / Full Stack Developer

[GitHub](#)

- Developed a full-stack analytics platform with a Python backend and React frontend, enabling secure real-time data visualization for datasets exceeding 10GB.
- Designed and optimized secure data pipelines for scalability and performance, integrating AWS Lambda for serverless processing.

**Mindful AI** - Creator/ Solo Developer

[Github](#)

- Deployed AI algorithms using TensorFlow to optimize real-time matching data, improving accuracy by 85%.
- Built and deployed the platform on AWS (Lambda, EC2), implementing encryption technologies and adhering to privacy compliance standards.

## LEADERSHIP & AFFILIATIONS

**CodePath** – WEB 102 Tech Fellow | Remote

May 2025 - September 2025

- Mentored 10+ students on React, Node.js, and secure API integration, fostering collaboration and improving participants' understanding of cybersecurity workflows.
- Organized and led weekly workshops, demonstrating strong communication, leadership, and problem-solving abilities.

**Brooklyn College Computer Science Club** – Student Treasurer

June 2023 – Present

- Managed event budgets and logistics for tech-focused events, promoting collaboration and knowledge-sharing within the computer science community.
- Organized workshops emphasizing secure coding practices and cybersecurity fundamentals.

## EDUCATION

**CUNY Brooklyn College** – Brooklyn, NY

*Bachelor of Science in Computer Science, Minor in Data Science* | **GPA:** 3.4

Expected Graduation: December 2026

**Relevant Coursework:** Data Structures, Analysis of Algorithms, Data Tools and Algorithms