

ADAM ALBAGHALI

adamalbaghali@gmail.com | <https://github.com/AdamAlbaghali> | www.linkedin.com/in/adamalbaghali

EDUCATION

Brooklyn College, City University of New York (CUNY), Brooklyn, NY
Bachelor of Science in Computer Science | GPA: 3.50/4.00

Expected May 2025

SKILLS

Programming: Java, Python, JavaScript, C++, HTML, CSS, SQL, PostgreSQL

Technologies: MacOS, Linux, Windows, Git, Selenium, Spring boot, Spring MVC, Spring Data, WordPress, Adobe Photoshop, Microsoft Office Suite, MySQL Workbench, RESTful APIs

Work Experience

Brooklyn College – Scholarship Office

October 2023 - Present

Database Administrator

Brooklyn, NY

- Elevating database management with advanced statistical analysis techniques and seamless integration of NextGen Scholarship Manager, Dynamic Forms, and Microsoft Excel for optimal efficiency.
- Spearheaded Python and Java automation for account creation, cutting student account population time by 50% within the scholarship system's web application. Proficient in SQL, VBA, MS Access, and Python for comprehensive data management and analysis.

DAuth Network Foundation

February 2024 – June 2024

Full Stack Software Engineer Intern

Brooklyn, NY (Remote)

- Developed mobile applications and implemented Solidity smart contracts for blockchain projects, ensuring user-friendly interfaces and responsive design.
- Utilized Web3.js to interact with decentralized protocols, leveraging real user data to enhance system authenticity and accurately reflect user authority.
- Catalyzed a 40% surge in user engagement and boosted credibility by 30%, driving the development of robust and efficient software solutions.

Diskko

September 2023 – February 2024

Full Stack Software Engineer Intern

Brooklyn, NY

- Constructed a comprehensive job tracking application using HTML, CSS, Python, and JavaScript, optimized company workflow, and collaborated closely with the owner for tailored solutions, resulting in a 50% increase in task completion efficiency.
- Collaborated closely with cross-functional teams to ensure application reliability and enhance UI/UX, resulting in increased user satisfaction by 35%. Embraced agile methodologies to drive successful development outcomes.

Google

July 2023 - October 2023

Software Engineer Fellow

Manhattan, NY

- Selected from a pool of over 200 applicants to engage in a 12-week intensive program of technical mentoring sessions led by a Google Software Engineer, alongside workshops tailored to enhance technical skills.

Projects

Content Calendar Application (Java, Spring Boot, Spring MVC, H2 Database) Jan 2024 – February 2024

- Designed and deployed a content management system using Java and Spring Boot; incorporated calendar visualization and user authentication, enhancing content organization and scheduling efficiency by 40%, and reducing management time by 25%
- Engineered a RESTful API using Spring MVC and Spring Data, facilitating seamless integration with external systems and services. Executed secure user authentication and authorization mechanisms to ensure data privacy and access control, enhancing the overall reliability and security of the application.