

ZIAUL ALAM

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EDUCATION

Long Island University.

B.S., Computer Science

Brooklyn, NY

Expected December 2026

Cumulative GPA – 3.58 | Dean's List: 2021-Current

Relevant coursework: Human-Computer Interaction, Assistive Programming, Data Structures & Algorithms, Applied Machine Learning

EXPERIENCE

Condata Accounting

Data Operations Intern

Brooklyn, NY

August 2025 - September 2025

- Dropped reporting discrepancies, which helped reduce the manual back-and-forth (estimated ~25-30%) for senior staff, allowing them to focus on higher priority year-end tasks.
- Used SQL and Tableau to parse 1,000+ financial records and resolve disparities, thereby reducing exception-handling time by 4 hours/weekly staff time.
- Optimized spreadsheets and documentation (templates, definitions, repeatable steps) to make reporting easier and less error prone.
- Facilitated data integrity of past and incoming data, which resulted in identifying a 15% discrepancy rate, ensuring a 100% work accuracy for senior accounting staff.

Centers Urgent Care

Clinical Operations Intern

Astoria, NY

June 2025 –September 2025

- Built an interactive Tableau dashboard that demonstrated a 15% bottleneck in discharge status workflows over 4 weeks, suggesting changes in clinic's patient scheduling approach.
- Coordinated hand-offs and appointment logistics for physician, reducing patient turnaround time by 10-20%.
- Administered scheduling protocol for ~15 patient appointments per day while adhering to compliance rules and clinic procedural training.
- Audited the payment reconciliation process in eClinicalWorks to propose optimized suggestions.

PROJECTS

Sales & Revenue Optimization Dashboard | Github

New York, NY

December 2025

- Analyzed sales and operational data to find most impactful revenue-driving products, helping the company to improve its profit margins by over 50%.
- Translated real-world company revenue data into tangible and actionable changes to cost of products, tried and true marketing techniques, and overall operational strategy.
- Designed a user-friendly dashboard that illustrates objective findings and conclusions derived from analysis of real-world data that can be used by non-technical executives without needing to interact with raw data.

Forage Bioinformatics (In Progress)

New York, NY

December 2025-Present

- Created a Python script to automate genomic quality control & alignment tasks, which improved efficiency by 40%
- Made several clinical-style variant reports using tools like Pandas and SciPy
- Building a repeatable, safe workflow including CLI entry point, structured logging, folder outputs
- Producing QC report artifacts (CSV/HTML)

SKILLS

AI: Prompt engineering, LangChain, Hugging Face | **Languages:** Python, SQL, JavaScript | **Data:** Pandas, Jupyter, Excel (advanced), Tableau | **APIs/Backend:** Flask, REST APIs, JSON | **Dev/Cloud:** Git/GitHub, Docker, AWS, Linux/CLI | **Ops:** Salesforce (CRM), stakeholder reporting, process improvement

LEADERSHIP & ORGANIZATIONS: Computer Science Club Organizer, Community, Tutoring Volunteer, Pre-Health Society, LIU Brooklyn

CERTIFICATIONS & AWARDS: Distinguished Scholars Scholarship Recipient, AWS Cloud Practitioner (in progress), Docker Fundamentals Badge