

ZIAUL ALAM

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EDUCATION

Long Island University, Brooklyn, NY

Expected Spring 2026

B.S., Computer Science & Health Sciences

Cumulative GPA – 3.58

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

EXPERIENCE

Rehab Haven, Brooklyn NY

May 2025 – June 2025

Occupational Therapy Intern

- Took care of documenting service coding and generating invoices for appointments
 - Shadowing the process of payment reconciliation in the EHR system.
 - Diligently monitored company's backend and researched possible ways to improve patient-billing and scheduling workflows through shadowing clinicians and billing staff.
 - Monitored key metrics (session duration, discharge status) over multi-week periods to understand usage patterns.
 - Communicated directly with patients and family members to coordinate scheduling and gather context to relay to the clinical team.

Condata Accounting, Brooklyn, NY

June 2025 - September 2025

Accounting and Data Intern

- Supported staff with day-to-day issues related to financial data, reconciliations, and reporting accuracy.
 - Investigated discrepancies across accounting records and spreadsheets and corrected underlying data issues.
 - Helped restructure spreadsheets and documentation to make recurring reporting easier and less error prone.
 - Automated redundant workflows using SQL/Excel/Tableau; reduced manual prep and improved turnaround.
 - Explained findings and fixes clearly to team members without technical backgrounds.

PROJECTS

Sales & Revenue Optimization Dashboard (2015–2018) | [Github](#)

- Analyzed sales and operational data to identify key revenue drivers, things the company should concentrate on
 - Translated said data into actionable decisions on pricing, inventory, marketing, and operational strategy
 - Converted findings from data into an interactive dashboard that can be used by executives.

SKILLS

Languages: Python, SQL, JavaScript | **Data:** Pandas, Jupyter, Excel (advanced), Tableau | **APIs/Backend:** Flask, REST APIs, JSON | **AI:** GPT-4 API, LangChain, Hugging Face | **Dev/Cloud:** Git/GitHub, Docker, AWS, Linux/CLI | **Ops:** Salesforce (CRM), stakeholder reporting, process improvement

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

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