

SABAH HAGOS

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New York, NY
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Passionate fourth-year computer science and cybersecurity student seeking a full-time cyber analyst role starting June 2025.

EDUCATION

Fordham University

September 2021 - May 2025

Bachelor of Computer Science, B.S.

Minor: Cybersecurity & Anthropology

New York, NY

Relevant Coursework: Database Systems, Data Structures, Computer Algorithms, Operating Systems, Data Mining, Theory of Computation, Cybersecurity and Application, Data Communication & Networks, Computer Organization, Secure Cyber Networks, Forensic Computing, Discrete Structures, Info and Data Management

SKILLS AND CERTIFICATIONS

Programming Languages: C++, Python, Java, JavaScript, SQL, PHP

Frameworks and Tools: Flask, Firebase, Azure, AWS, MySQL, SQLite, Wireshark, Pandas, Jupyter Notebook, Excel

EXPERIENCE

Marsh McLennan - IT Business Analyst Intern

June 2024 - Present

- Assisting with User Acceptance Testing for Marsh McLennan's new CRM system, increased bug detection by 85% by analyzing and documenting issues.
- Participating in daily standups to review and troubleshoot CRM system bugs and user stories, contributing to overall project efficiency and ensuring the system's readiness for client deployment.

Qualtrics Mentorship Program

April 2022 - August 2022

- Followed Agile/Scrum practices, including participating in daily stand-ups, sprint planning, and retrospective meetings to ensure continuous improvement and collaboration.
- Engaged in hands-on coding exercises and technical discussions, collaborating with my mentor to refine my software engineering skills.

PERSONAL PROJECTS

Automated Milk Inventory and Ordering System | Python, Jupyter Notebook, Pandas

May 2024

- Developed an AWS Lambda cron job to streamline the milk inventory and ordering process for Birch Coffee.
- Utilized Pandas to calculate average milk usage patterns to determine future usage and decrease waste.
- Reduced manual effort by 50% by automating the inventory and ordering process.

Modeling and Simulation of Customer Queue | Java, MySQL, Node.js, HTML, CSS

April 2024

- Designed a Java simulation to accurately model Birch Coffee's customer flow and queue dynamics.
- Set up a MySQL database for data storage and retrieval.
- Wrote SQL queries to collect insights around average wait times, peak hours, and sales transactions.
- Enabled Birch Coffee to make informed decisions around store hours to optimize operational efficiency.

Student Management System | Java, MySQL, Javascript, HTML, CSS

February 2024

- Developed a Java application to manage student registration and grading for One Village Kids Academy.
- Designed relational database schemas, optimizing for scalability, performance, and data integrity.

EXTRACURRICULAR ACTIVITIES

Computer Science Society - E-Board Member

August 2021 - Present

- Actively engaged in various society initiatives, including organizing and participating in coding workshops, guest lectures, and collaborative projects.

Coding Club - Vice President

October 2022 - Present

- Organized and led weekly club meetings and networking events, including hackathons, by creating agendas, coordinating with guest speakers, managing logistics, and enhancing educational and career opportunities for members.