

Muhafud A. Farah

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EDUCATION

Carleton University

Ottawa, Ontario

B.S. in Computer Science

Expected May 2026

Related Coursework: Data Structures & Algorithms, Object-Oriented Programming, Web Development, System Programming.

Career Objective

Analytical and detail-oriented Computer Science student with a strong interest in business intelligence, automation, and dashboard development. Seeking an internship at Bombardier to contribute to forecasting, inventory visualization, and insight-driven reporting using modern BI tools and Python-based analysis.

SKILLS

- **Languages & Tools:** Python, Java, JavaScript, SQLite, AWS, Excel
- **Data Tools:** Python (pandas, regex), SQLite, Boto3
- **Visualization:** Building CLI + structured reporting dashboards (Power BI foundations)
- **Automation:** Workflow and compliance alert automation using Python
- **Soft Skills:** Curious, self-starter, bilingual (English/French conversational), excellent communicator
- **Security:** Level II Security Clearance

EXPERIENCE

cuHacking | Developer & Hackathon Organizer

Aug 2023 - Present

- Helped structure and clean participant data for better resource allocation
- Collaborated with logistics and technical teams to ensure data-backed event planning for 300+ attendees
- Gained experience coordinating between data visibility and operations

Aerotek (Honeywell intelligrated) | Quality Technician

June 2021 – Feb 2022

- Developed automation tools that enhanced task completion by 25%
- Supported system diagnostics and internal reporting of hardware/software anomalies
- Assisted with identifying patterns in QA inconsistencies and proposing fixes

PROJECTS

VaultScan | Python, AWS (S3, IAM, CloudWatch), SQLite, Boto3

- Created a scanning tool for AWS S3 that classifies unstructured data and identifies compliance gaps
- Generated visualized logs and anomaly flags using structured output in SQLite
- Integrated AWS CloudWatch alerts to monitor real-time issues and trigger responses

Book Library App | Node.js, Express, Google Books API, MongoDB

- Full-stack web app with a searchable book catalog, user favoriting, and price comparison
- Implemented secure routing, API integration, and dynamic rendering with MongoDB backend

ACTIVITIES AND LEADERSHIP

NSBE | Region I (East Canada) Planning member

- Coordinated large-scale events with data-driven session and budget planning
- Created structured documentation to enhance collaboration across regional committees