Taha Mohyuddin

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Education

University of Guelph **Sep 2023 - May 2027**

Bachelor of Computing, Computer Science | GPA: 3.7/4.0 *Guelph, ON*

Honours: Dean's Honours List, Undergraduate Entrance Scholarship

Professional Experience

Assistant Department Manager - Grocery **Apr 2025 - Present**

Loblaw Companies Limited (Real Canadian Superstore) *Milton, ON*

- Lead a **20+ associate** department supporting approximately **$190K–$200K in daily grocery sales** - over half of the store's estimated **$350K–$370K** daily revenue - while coordinating staffing, deliveries, and replenishment.
- Prioritize promotions and product availability during a period of **4% weekly sales growth**, using sales and inventory trends to address slow-moving stock and improve daily execution.
- Investigate stock discrepancies in **SAP and BOSS**; reconcile physical cycle counts with system records and correct inaccurate quantities to support replenishment and reporting decisions.

Inventory Control Specialist / SAP Support **Oct 2024 - Apr 2025**

Loblaw Companies Limited *Milton, ON*

- Audited incoming shipments against SAP inventory records, investigated quantity variances, and coordinated overnight workflows while mentoring approximately **15 associates**.

Undergraduate Researcher - Longitudinal Student Burnout **Sep 2026 - Present**

University of Guelph *Guelph, ON*

- Designing a repeatable **8-semester survey** to track burnout, workload, stress, and support from first through fourth year; documenting survey requirements, consistent measures, and follow-up data workflows.
- Reviewed findings from a prior **1,123-student study** (**1,008 complete burnout assessments**) to define revised survey requirements and consistent measures for longitudinal analysis.

Research Assistant - Machine Learning / GWAS **Apr 2025 - Jul 2025**

University of Guelph *Guelph, ON*

- Analyzed genomic datasets and compared predictive approaches; documented repeatable experiments using Linux and high-performance computing infrastructure.

Artificial Intelligence Engineer Intern **Apr 2024 - Aug 2024**

Innovative Engineering Services (IES) *Islamabad, Pakistan*

- Examined telecommunications network and security data to investigate anomalous patterns and document findings for network-monitoring improvements.

Projects

E-Commerce Analytics System | *React, Spring Boot, MariaDB, Docker, GitLab CI/CD* *2026*

- Worked extensively on **GitLab CI/CD pipelines**, troubleshooting automated unit-test and lint checks for frontend and backend changes to validate code before merges.
- Tracked development across **8 Scrum sprints** using GitLab backlogs, user stories, acceptance criteria, task boards, merge requests, code reviews, and retrospective documentation.
- Collaborated on **3 analytics modules** (revenue, products, customers) backed by REST endpoints and SQL; documented API contracts, UML class/sequence diagrams, technical debt, and system acceptance tests.

EduPro – Adaptive Tutoring Platform | *Next.js, Flask, JavaScript* *2025*

- Worked in a **6-person development team** to prototype personalized Grade 2 math learning with separate student, teacher, and parent views, guided hints, and progress reporting.
- Translated role-specific needs into user flows, use cases, and wireframes to guide interface design and iterative feature development.

GradeManagerPlus – Student & Instructor Records | *C#, SQL*

- Built authenticated student/instructor workflows with **SQL-backed grade records** and performance reports, separating application features by user role.

Skills

Business Analysis & Delivery: SDLC, Agile/Scrum, user stories, product backlog, acceptance criteria, functional/non-functional requirements, UML, wireframes, system acceptance testing

IAM Concepts: Authentication, authorization, RBAC, single-factor authentication, MFA, SSO, OAuth 2.0, OpenID Connect

Languages & APIs: SQL, Java, Python, JavaScript, C#, REST APIs, relational databases

Frameworks & Tools: React, Next.js, Spring Boot, Flask, MariaDB, Docker, Git, GitLab CI/CD, SAP, BOSS