Taha Hashim

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EDUCATION

University of Toronto — Expected 2026

Honours in Bachelors of Science (H.Bsc.), Computer Science and Mathematics

- Cumulative GPA: **3.84/4.0**
- Dean's List Scholar (2023 & 2024 & 2025)

Relevant Coursework: Software Engineering, Web Development, Databases, Algorithm Design, Data Structures, Information Security, Systems Programming, Software Design, OOP, Linear Algebra, Multivariable Calculus

TECHNICAL SKILLS

Languages: Python, Java, C, C#, JavaScript, TypeScript, SQL, Bash, Assembly, HTML/CSS
Frameworks & Libraries: React, Next.js, Node.js, Express, ASP.NET, JavaFX, JUnit, Selenium
Technologies: PostgreSQL, MongoDB, Docker, AWS Lambda, DynamoDB, Kubernetes, REST API

EXPERIENCE

Software Development Engineer Intern — May. 2025 – Present
Amazon Web Services — *Vancouver, British Columbia*

- Building a production-grade service to auto-detect networking issues in **Amazon S3**, a service used by millions
- Designing an algorithm to detect unhealthy subnets and AZs using **Python**, **TypeScript**, and AWS tools
- Building scalable serverless workflows using **AWS Lambda**, **DynamoDB**, and **Step Functions**
- Contributing to internal dashboards and APIs used by S3 service teams to proactively manage reliability incidents

Software Developer — Jan. 2025 – Apr. 2025
Acadia University — *Remote*

- Developed a full-stack web app to digitize SMILE's participant and volunteer workflows, replacing paper forms
- Built secure role-based access control and core features like registration, attendance tracking, goal setting, calendar scheduling, and user dashboards using **React**, **Node.js**, **Next.js**, **TypeScript**, **NextAuth**, and **Prisma ORM**
- Led API design with **OpenAPI**, wrote **Jest** tests, and deployed via **Vercel** with **PostgreSQL** on **Supabase**

Integration Engineer Co-op — May. 2024 – Aug. 2024
Ericsson — *Toronto, Ontario*

- Contributed to an internal tool for SD-WAN orchestration and automated network creation and validation
- Developed an automation framework using **Python**, **Robot Framework**, and **Selenium**, saving **400+ hours**
- Dockerized the framework and integrated with **GitLab CI/CD**, reducing bugs by **50%** via async automation
- Implemented the framework in a cloud-native environment with **Kubernetes**, enhancing scalability and efficiency

Software Programming Instructor — May. 2024 – Aug. 2024
Ultimate Coders — *Toronto, Ontario*

- Taught **Python**, **HTML**, **CSS**, and **C#** weekly to **20+** students, hosted 2 Hackathons, marked course materials

Software Engineer Intern — May. 2023 – Aug. 2023
Akhny Solutions Inc. — *Remote*

- Engineered a full-stack grocery web app with admin tools and customer-facing features for streamlined shopping
- Leveraged **HTML**, **CSS**, and **JavaScript** for a responsive and dynamic frontend. Utilized **ASP.Net**, **C#**, and **SQL Server** to manage the backend, ensuring efficient data management and implementing dynamic features
- Integrated **15+** features to improve application functionality and achieved a **30%** reduction in load times

PROJECTS

Escape Room Game | *Java, JavaFX, JUnit, Git* ⌨

- Led the development of an **AODA**-compliant **Java** escape room game with unique themes and intricate puzzles
- Utilized **JavaFX** for a responsive UI, enabling users to navigate and engage with interactive escape room elements
- Collaborated in a team of four making use of the **Agile Development Cycle**, **Daily Scrums**, and **Git Flow**
- Implemented the **command**, **singleton**, **strategy**, and **MVC** design patterns for an extensible software design
- Executed comprehensive unit tests using the **JUnit** Framework, reducing debugging time by **60%**