


# TAHMID HAQUE

Toronto, ON, Canada

 [tahmid.pro](http://tahmid.pro)  [tahmid.haque@mail.utoronto.ca](mailto:tahmid.haque@mail.utoronto.ca)  [linkedin.com/in/tahmid-h/](https://linkedin.com/in/tahmid-h/)  [github.com/tahmid-haque](https://github.com/tahmid-haque)

## Work Experience

### Software Development Engineer Intern

May 2022 – Present

Amazon Inc.

Toronto, ON

- Currently developing a GraphQL documentation tool to enhance developer experiences when accessing large-scale APIs

### Teaching Assistant

Summer 2021, Winter 2022

University of Toronto

Toronto, ON

- Assisted in the courses: CSCC69 Operating Systems & CSCB58 Computer Organization
- Held weekly tutorials, practicals and office hours to teach students about low-level concepts including concurrency, virtual memory, file systems and digital logic
- Created videos surrounding memory management to help students understand various virtual memory data structures
- Graded and provided feedback in regards to student assignments in a timely manner

### Software Developer

September 2020 – April 2021

CaseWare International Inc.

Toronto, ON

- Developed and released a web app using a TS (Angular) / Java (Spring) / PostgreSQL stack to deliver analytics data to accounting professionals in an intuitive format
- Designed and researched a distributed infrastructure to handle performant data pushes from desktop to cloud environments using AWS technologies
- Exemplified strong programming practices by creating solid documentation and integrating code coverage tools into development pipeline, increasing unit test coverage by 20%
- Collaborated with numerous teams across departments in an efficient manner, resulting in 30%+ more stories completed and positive UI reception among stakeholders

### QA Analyst

September 2019 – December 2019

Vouchr Ltd.

Toronto, ON

- Verified and tracked over 12+ bugfixes and feature implementations per day to aid in clearing large backlog of stories while following Agile workflows
- Coordinated across software teams in resolving major obstacles on Web, Android and iOS platforms to ensure a consistent experience when using the product
- Presented my findings in a clear and concise format using Pivotal Tracker, documents and spreadsheets, allowing for effortless access to product progress/status

## Technical Skills

**Languages:** C | C# | CSS (SCSS) | Haskell | HTML | NodeJS | Java | JavaScript | Python | TypeScript | Verilog

**Databases:** MongoDB | Redis | SQL (PostGRES)

**Frameworks:** Angular | Express | Flask | Jasmine | Jest | JUnit | PyTest | ReactJS | Spring Boot | Vue.js

**Others:** Bash (Unix) | Bootstrap | Docker | Git | GitHub Actions | GraphQL | L<sup>A</sup>T<sub>E</sub>X

## Education

### HBSc – Computer Science / Software Engineering

September 2018 – December 2022

University of Toronto

Toronto, ON

- Designated as a U of T Scholar
- Named on Dean's List: Summer 2019, Fall 2020, Fall 2021
- cGPA: 3.81/4.00

## Projects

### Hexagon Security Platform | MongoDB, Redis, NodeJS (Express), GraphQL, ReactJS (TypeScript)

Winter 2022

- Created an online platform that allows users to manage their security practices on the web including website credential management, autofilling passwords via a Chrome extension and storing sensitive information
- Designed a robust encryption scheme using AES-GCM/KW algorithms that allows secure storage of all delicate information, preventing even developers from intercepting user data

### Bytes Rewards | MongoDB, Python (Flask), JavaScript

Summer 2020

- Collaborated with a team of 5 to create a mobile-friendly restaurant rewards web app that allows for multiple user types
- Showcased development progress under a static site deployed via Firebase to display information in convenient formats
- Demonstrated Agile practices by creating 5 deliverables, showing progress to external stakeholders in bi-weekly increments and as a result, being shortlisted for further development