TASH-HAD SAQIF

📞 +1 647-568-7755   🌐 tash-had.com
✉ me@tash-had.com   in /tash-had
🔗 /tash-had

EXPERIENCE

Microsoft
Software Engineer Intern

Jun 2020 – Sept 2020
Redmond, WA

- Designed and implemented **ship-critical** accessibility features for the release of the *Phone Apps On Windows* feature for Your Phone on Windows 10, making the product accessible to **millions** of active users.
- Embedded an in-app phone lockscreen, to allow users to unlock their phone from their PC, by spawning & maintaining a background process. This enabled continued use of our feature even after phone auto-locks.

Microsoft
Software Engineer Intern

May 2019 – Aug 2019
Vancouver, BC

- Implemented **accessibility features for blind** and low vision users on Your Phone (Windows 10 app).
- **Used OCR & Image Analysis** to create more accurate image narrations for users on screen-readers.
- Used C++ to extract images from video feed to Windows clipboard. Resulted in **submitted patent.**

Ontario Teachers' Pension Plan
Software Developer Intern

May 2018 – Sept. 2018
Toronto, ON

- Contributed to **Java backend** & Angular frontend to allow support team to view most relevant member data
- Contributed to a converter that **generated HTML with DOCX files** for use in email template creation.   '
- **Overhauled internal e-mail app** so e-mails from support team send as HTML instead of plain text

EDUCATION

University of Toronto
BSc - Computer Science, Cognitive Science (Double Major)

Sept 2016 - Jun 2021
Toronto, ON

SKILLS

Languages Java, C, C++, C#, Python, Objective-C, JavaScript, TypeScript, PHP, Shell, Verilog
Frameworks/Technologies Android, iOS, Angular, NodeJS, Flask, jQuery, React, Spring Boot, Selenium, SQL

PROJECTS

Firearm Detector | t-saqif.com/angel-eye

- Worked on a team at **Hack Harvard** to create a **security camera** that alerts authorities and anyone within a 500m radius, when it detects a firearm. **Awarded by Amazon** for Best Use of AWS.

Social Jokes App | t-saqif.com/punny-jokes

- Created an Android app that facilitates a network of puns. Received **over 100,000 downloads** on Google Play & **1000+ daily users**. Worked closely with usage data to optimize user experience and maximize engagement

CourseHub | t-saqif.com/coursehub

- **Lead a team of six** to build a web-app that organizes & facilitates course ratings. Held weekly Scrum meetings, created build pipeline, followed **agile best practices** & made project-wide **architecture decisions**.

IoT Hack for Doors | t-saqif.com/door-hero

- Worked with a team at **Yale Hacks**, to create an IoT hack that suggests fixes for broken sliding doors. Used Tensorflow to make predictions on varying door models. **Awarded by Black and Decker** for Best IoT Hack.

AWARDS

- **1st Place** in Manulife New Product Challenge with prize of **$10,000 in funding** 2018
- Best Use of AWS from **Amazon**, **HackHarvard**, 2017 ● Best IoT Hack from **Black & Decker**, **Yale Hacks**, 2017
- **Presidents Scholarship**, University of Toronto, 2016 ● **Silver** in web development, **Ontario Skills Contest**, 2016
- **Gold** in web development at **Toronto Skills Contest**, 2016