

Tash-had Saqif

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PROFESSIONAL EXPERIENCE

Software Developer Intern | May 2018 - Sept 2018
[Ontario Teachers' Pension Plan, Toronto, ON](#)

- **Developed Java (Spring Boot) backend & several AngularJS components for a new app** to allow pension specialists & analysts to view the most relevant data on a members file
- **Overhauled our e-mail app** so the 400+ templates used by Member Services are sent as HTML e-mails instead of plain text, allowing the preservation of important formatting, links
- **Implemented RESTful API endpoints** and wrote corresponding front-end on our pensioner data browsing app to allow users to view/set pension transfers

EDUCATION

Computer Science & Cognitive Science (Double Major)
UNIVERSITY OF TORONTO
Hon. Bachelor of Science (2016 - 2020 expected)

AWARDS

- 2018 **1st in Manulife New Product Challenge**
Won \$10,000 in funding
- 2017 **Best Use of Amazon Web Services**
Amazon - Harvard (HackHarvard)
- 2017 **Best Android IoT Hack**
Black & Decker - Yale (YHack)
- 2016 **Presidents Scholarship**
University of Toronto
- 2016 **Gold - Web Development (City Wide)**
TDSB Skills Competition
- 2016 **Silver - Web Development (Province Wide)**
Ontario Skills Competition

SOFTWARE SKILLS

Languages and Environments

Java, C, Python, Objective-C, JavaScript, TypeScript, PHP, HTML & CSS, Android, iOS, Shell

Frameworks and Technologies

Flask, jQuery, JavaFX, Firebase, MongoDB, MySQL, Spring Boot, AngularJS, Angular, NodeJS, Cypress, Selenium, ElectronJS

PROJECTS

[Firearm Detector](#) | t-saqif.com/angel-eye ↗
[Java](#), [Firebase](#), [Google Maps API](#)

- **Collaborated in a team at HackHarvard 2017**, to create products that **detects firearms in public**
- **Developed a security camera** that sends continuous geo-tagged photos a server that detects firearms & alerts authorities
- **Created an Android app** that takes data from Firebase and **gives geofence-triggered warnings** to people within a 500m radius of "firearm zones"
- **Awarded by Amazon for Best Use of AWS**

[Social Jokes App](#) | t-saqif.com/punny-jokes ↗
[Java](#), [Kinvey](#)

- Built Android app to facilitate network of puns
- **Received over 100,000 downloads** on Google Play and gets **hundreds of daily users**
- Used Kinvey BaaS to handle pun submissions
- Implemented an **incentivized cross-advertising system** to promote my other apps

[Schedule Generator](#) | t-saqif.com/optiplan ↗
[Node.js](#), [TypeScript](#) ([Angular](#))

- **Leading a team of three** to build a web-app that selects the best combination of lecture sections, based on user-set courses and preferences
- **Organized weekly Scrum meetings**, implemented an **agile workflow**, made **architecture decisions**

[IoT Hack for Doors](#) | t-saqif.com/door-hero ↗
[Python](#) ([Flask](#)), [Java](#)

- Collaborated in team **to create IoT hack that suggests fixes for broken sliding doors**, at Yale (YHack 2017)
- Used Tensorflow to implement model to make predictions about each door
- **Awarded by Black & Decker for Best IoT Hack**

[Lab Availability App](#) | t-saqif.com/cs-labs ↗
[Objective-C](#) (iOS)

- Created an **iOS app** that **shows availability of computers** in the CS labs at UofT

[Distraction Free YouTube](#) | t-saqif.com/uw ↗
[JavaScript](#), [YouTube API](#), [HTML/CSS](#)

- Developed a **chrome extension to help minimize distractions on YouTube by removing video suggestions**, ads, and video feed