

Tash-had Saqif

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PROFESSIONAL EXPERIENCE

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

Lead Developer | Feb. 2018 - Present
[Avail, Toronto, ON](#)

- Working in a team to build a collaboration-based parental control platform.
- **Received \$10,000 in funding** through Manulife New Product Challenge

PROJECTS

DoorHero | t-saqif.com/door-hero 🔗
[Android \(Java\)](#), [Flask \(Python\)](#)

- **Created IoT hack that suggests fixes for broken sliding doors using machine-learning, at Yale (YHack 2017)**
- Wrote a Flask REST API for a server to be able to receive data from sliding doors, determine if the door is broken, and suggest a fix if it is.
- **Used Tensorflow to implement a Classification Neural Network** to make predictions about each door
- **Awarded by Black & Decker for Best IoT Hack**

AngelEye | t-saqif.com/angel-eye 🔗
[Android \(Java\)](#), [Firebase](#), [Google Maps API](#)

- Worked in a team at HackHarvard 2017, to create products aimed to help battle gun violence
- **Developed an Android "security camera"** that takes continuous geo-tagged photos, and sends each photo to a server **that detects firearms** and alerts authorities
- Developed a separate app that takes data from Firebase and gives **geofence-triggered warnings** around "firearm zones", to prevent people from entering area
- **Awarded by Amazon for Best Use of AWS**

PunnyJokes | t-saqif.com/punny-jokes 🔗
[Android \(Java\)](#), [Kinvey](#)

- Wrote Android app to facilitate network of puns
- Used Kinvey BaaS to handle pun submissions
- **Received over 80,000 downloads on Google Play and gets hundreds of daily users**
- Implemented an **incentivized cross-advertising system** to promote my other apps

CheapTags | t-saqif.com/cheap-tags 🔗
[Java](#), [Instagram API](#)

- **Used Java & JavaFX to create a photo management app**
- Lets user browse photos in any directory, and add "tags" to them so they are OS searchable
- Allows importing from and sharing with Instagram

UofT-CS-Labs | t-saqif.com/cs-labs 🔗
[iOS \(Objective-C\)](#)

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

Internet-Thoughts | internetthoughts.net 🔗
[HTML/CSS](#), [JavaScript](#)

- Worked in a team to create a **web app that determines public sentiment for any given topic using various sources on the web**

YouWork | t-saqif.com/you-work 🔗
[HTML/CSS](#), [JavaScript](#)

- Used JavaScript to create a **chrome extension to help minimize distractions on YouTube by removing video suggestions, ads, and video feed**
- Leveraged YouTube API to load videos on a separate webpage, with distractions removed

AWARDS

2018	1st in Manulife New Product Challenge <i>Won \$10,000 in funding</i>
2017	Best Android IoT Hack <i>Black & Decker - Yale (YHack)</i>
2017	Best Use of Amazon Web Services <i>Amazon - Harvard (HackHarvard)</i>
2016	Presidents Scholarship <i>University of Toronto</i>
2015, 2016	Gold - Web Development <i>TDSB Skills Competition</i>
2015, 2016	Silver, Bronze - Web Development <i>Ontario Skills Competition</i>

SOFTWARE SKILLS

Languages and Environments

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

Frameworks and Technologies

Flask, jQuery, JavaFX, Firebase, Floydhub

EDUCATION

2016 – 2020	Computer Science & Cognitive Science (Double Major) HON. BACHELOR OF SCIENCE <i>University of Toronto</i>
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