

Tash-had Saqif

tash-had.com

@ me@tash-had.com
🔗 github.com/tash-had
in [linkedin.com/in/tash-had](https://www.linkedin.com/in/tash-had)
</> devpost.com/tash-had

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 70,000 downloads on Google Play and gets 550+ 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 program** for a Software Design class
- Lets user browse photos in any directory, and add "tags" to them so they are OS searchable
- **Implemented a strict MVC design pattern to allow for easy extendability & updates**
- Used private Instagram API to allow users to import photos from and share with Instagram
- Implemented a search bar that allows the user to search images by regex or by name

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**
- Used Objective-C to fetch data from a UofT REST API

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**
- Used jQuery to fetch data about queried topic

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

Huffman Compressor | t-saqif.com/huff-alg 🔗
[Python](#)

- Wrote a program to compress and decompress files
- **Implemented the Huffman algorithm in Python**

AWARDS

2017 **Best Android IoT Hack**
Black & Decker - Yale (YHack)

2017 **Best Use of Amazon Web Services**
Amazon - Harvard (HackHarvard)

2016 **Presidents Scholarship**
University of Toronto

2015, 2016 **Gold - Web Development**
TDSB Skills Competition

2015, 2016 **Silver, Bronze - Web Development**
Ontario Skills Competition

SOFTWARE SKILLS

Languages and Environments

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

Frameworks and Technologies

Flask, jQuery, JavaFX, Firebase, Floydhub

EDUCATION

2016 – 2020 **Computer Science & Cognitive Science (Double Major)**
HON. BACHELOR OF SCIENCE x2
University of Toronto