Ahmed (Waseef) Shawkat

awshawka@uwaterloo.ca | (416) – 939 - 1990 | awshawka.github.io | github.com/awshawka

EXPERIENCE

Kik Interactive *Waterloo, ON*
Server Developer Intern *Jan. 2019 – Apr. 2019*

· Used **RxJava**, **gRPC** and **DynamoDB** to develop a daily & weekly reward feature, where users are rewarded with **Kin cryptocurrency** for completing various in-app challenges
· Implemented several **gRPC** routines in different **micro-services** to develop features where users can spend **Kin** within the app; lead to **25,000+** daily active spenders
· Created a **RxJava** wrapper around Kin's Horizon **REST** endpoints to allow Kik's micro-services to create wallets, monitor transactions and send payments between users
· **Scaled** services by implementing **Redis** caches on database layers and jitter on chat reset times to prevent spikes

Localyyz *Toronto, ON*
Full Stack Mobile Developer Intern *May. 2018 – Sep. 2018*

· Built a backend service, using **Go** and **Postgres**, which generates a **"product score"** to classify and rank e-commerce products by quantifying the description, images and sales history
· Developed a **"double tap to like"** feature, similar to Instagram, for **React-Native** app which resulted in **10%** growth to user session times
· Utilized **CSS3 flexbox** styling to refresh the product showcase website and implement a mobile-first approach
· Designed and implemented multiple **REST** endpoints for **flash sales** feature of the app

Teranet *Toronto, ON*
Front-End Web Developer Intern *Sep. 2017 – Dec. 2017*

· Used **AngularJS** and **JavaScript** to create an auto-save and revert feature for the application's settings page
· Refactored extensive portions of front-end code base to improve **end-to-end** test coverage using **Protractor**

PROJECTS

Estement *(Co-Founder)* *Jan. 2019 - present*

· A digital **property management** tool designed for individual home owners looking to lease their property
· Raised **$5000** in initial funding from University of Guelph's **Hub Start** competition
· Development using **Go**, **Postgres** and **React** still in progress on the **Heroku** platform; expected launch Sept. 2019

React-Native-Double-Tap *Sept. 2018*

· Open source **npm module** which can detect both double and single tap events. **20 - 40 weekly downloads**

SKILLS

Languages: Java, Go & JavaScript *(Advanced)*, SQL, HTML & CSS *(Intermediate)*, Python *(Familiarity)*
Tools: AWS, Heroku, React, React-Native, Redis, REST, gRPC, MySQL, Postgres, DynamoDB, Gulp

EDUCATION

University of Waterloo *Waterloo, ON*
B.A.Sc. Honours Computer Engineering Sept. 2016 – Sept. 2021 *(expected)*
GPA: 3.9 / 4