Denzel Kwan

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Skills & Methodologies

- Java, Python, SQL, R, HTML/CSS, JavaScript, AngularJS, Excel/VBA
- Agile Methodology – active member of AgileTO; Scrum; Kanban

Experience

Digiflare Inc, *Technical Business Analyst/Product Owner*   Aug – Dec 2016

- Led the team as an active liaison between our Roku development team and our clients, CenturyLink and Showtime, impacting an estimated **10 million** users after the launch of both our Over-the-Top apps
- Made decisions to add/remove features on our applications to ensure deadlines were enforced
- Created data models using Python libraries (numPy, pandas, matplotlib) to analyze team utilization, and made recommendations to optimize each teams' rate of utilization and minimize inconsistencies
- Revamped and implemented a new planning process to reduce the scheduled project timeline by **2 weeks**
- Fostered strong, trustworthy relationships with clients through daily communications and leading project demos

CGI Group, *Technical Consultant*   Jan – Apr 2016

- Designed the workflow process using Camunda for CIBC's new banking system project (valued at **$128M**)
- Implemented new and re-usable widgets, navigation bar, and buttons for our **AngularJS** client site

Municipality of York, *Transit Management Systems Officer*   May – Aug 2015

- Solely responsible for configuring the software of the GPS and DVR system for **all 70+** Viva buses
- Re-mapped the optimal route to reduce the daily maintenance procedure time by **50%**
- Daily maintained **500+** regular buses in a team of 6, and updating the database to store all the bus information

Projects

Web Scraper   2017

- Learned data mining by building a scraper that pulls the latest and greatest posts from Twitter and Reddit

HangDroid   2015

- Built my first Android app of classic hangman with single & multi-player options

Ambassadors for Christ, *Project Coordinator*   2012 - 2013

- Organized the largest 4-day youth Christian conference in Canada with **1000+** participants

Education

Candidate for B.A.Sc. in Management Engineering   2014 – 2019 (expected)

University of Waterloo – Former ranked 5th out of 90 in class, GPA: 3.7

- Relevant Coursework: Statistical Processes and Stochastic Models, Algorithms & Data Structures, Database Systems, Information Systems Design, Operations Planning, Scheduling Theory
- MSCI346: Designed a database using SQL to store data of popular television series
- MSCI252: Compiled models to graph and evaluate different probabilities of varying datasets using R