Denzel Kwan

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*Currently studying abroad in Finland. I'm available to interview through online calls

Skills

Languages: Python, Java, SQL, JavaScript, HTML, CSS, VBA
Technologies: Git, Flask, Docker, Android Studio, AngularJS

Work Experience

Index Exchange, Software Engineering Intern   May – Aug 2017

- Integrated partner modules using JavaScript in our header bidder to be compatible with other ad servers
- Created unit tests and built an in-house regression suite using JavaScript, reducing testing times by **75%**
- Led the team as a Scrum Master, improving productivity by triaging tasks and identifying bottlenecks

Digiflare Inc, Project Manager Intern   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
- Fostered trustworthy relationships with senior clients through daily communication and leading project demos
- Revamped the team sprint cycle by modifying the usage of resources to reduce the projected timeline by **2 weeks**
- Modelled team performance in Python (using numPy, pandas, matplotlib) and made recommendations to help maintain consistent team utilization of 80%

CGI Group, Technical Analyst Intern   Jan – Apr 2016

- Designed the project pipeline using Camunda for CIBC's new banking system, valued at **$128 million**
- Developed front end components for the client banking web application written in AngularJS

Municipality of York, Transit System Officer   May – Aug 2015

- Maintained the MySQL database that stored data of all buses in York Region, ensuring real time bus statuses

Projects

Sprint Stats   2017

- Developed while at Index Exchange to improve team efficiency and accuracy during retrospectives
- Built using Flask and JQL to pull team data from JIRA to graph breakdowns on a team and individual basis
- Deployed into production and currently being used by various teams at Index Exchange

HangDroid   2015

- Developed a classic Hangman Android app, written in Java, with single player and multi-player options

Education

University of Waterloo   2014 – 2019 (expected)

Candidate for B.A.Sc. in Management Engineering, pursuing an option in Statistics, GPA: 3.7

- Relevant Coursework: Algorithms & Data Structures, Database Systems, Information Systems Design, Statistical Processes and Stochastic Modelling, Data Mining, Operations Planning, Scheduling Theory
- MSCI444: Designed an eCommerce platform using MySQL in a team of 4
- MSCI346: Constructed a MySQL database, in a team of 3, for popular television series