DENZEL KWAN

denzelkwan.me - denzel.kwan@gmail.com - linkedin.com/in/denzelkwan

EDUCATION

University of Waterloo   Graduating Jun 2019
- Honours Bachelor of Applied Science in Management Engineering, Statistics Option

WORK EXPERIENCE

Index Exchange, *Software Engineering Intern*   Sept 2018 – Present
- Constructed API endpoints to return standardized log reports on ad exchange activities for publishers
- Wrote extensive unit tests using Ginkgo to ensure high code coverage on all assigned features

Index Exchange, *Software Engineering Intern*   Jan – Apr 2018
- Rebuilt legacy API in Gin after researching Golang backend frameworks with a focus on monitoring, ease of development, and testing
- Eliminated technical debt by leading a vital production investigation concerning a redeployment of updated database containers
- Contrasted current company and community agile practices, providing insight and suggested potential improvements through an internal engineering blog

Index Exchange, *Software Engineering Intern*   May – Aug 2017
- Improved team productivity by **15%** by leading the team as Scrum Master to identify bottlenecks through developing a web app using Flask to pull data from JIRA to evaluate team performance
- Integrated partner modules for the JavaScript framework that manages ad space bidding, allowing new publishers to use real-time ad auctioning
- Reduced testing time by **75%** by building a regression suite using Intern to eliminate manual testing

Digiflare, *Product Owner Intern*   Sept – Dec 2016
- Launched the CenturyLink and Showtime Over-the-Top apps to **10M+** users, guiding the team as an active liaison between the clients and the Roku development team
- Equipped the team with more authority over requirement deadlines by fostering trusted relationships with senior clients through daily syncing and leading project demos
- Shortened the project timeline by **2 weeks** by re-allocating resources within the team's sprint cycle

CGI Group, *Developer Intern*   Jan – Apr 2016
- Developed front-end components for online banking application using AngularJS for **11M+** users

PROJECTS

Capstone Design Project for Air Canada   May 2018 – Present
- Applied construction heuristics in the design of an optimal scheduler to reduce labour hours by **50%**, eliminating manual scheduling

TECHNICAL SKILLS

Languages	Python, Java, SQL, JavaScript
Tools	Docker, Git, Flask, Android Studio, JIRA, AngularJS