

Richard Dang

2B Computer Engineering

+1 (647) 717-0339 | r22dang@uwaterloo.ca | dangrichard | Richard-Dang | richardddang.com

SKILLS

LANGUAGES | Java, JavaScript, HTML, CSS, Ruby, Python, C/C++
TECHNOLOGIES | Android Studio and Git
CONCEPTS | OOP, REST API, MVC and Agile

EXPERIENCES

- May – Sep. 2017 **SOFTWARE DEVELOPER** | Hubdoc
- Designed and implemented a responsive dashboard using **Express**, **Backbone** and **PostgreSQL** that enabled efficient proxy management
 - Built and enhanced hundreds of microservices using **Node** and **jQuery** that enable bookkeepers to automate compilation of documents, earning over \$200,000 in monthly revenue
- Sep. – Dec. 2016 **ASSOCIATE QA ANALYST** | Flipp
- Set up continuous integration across multiple projects providing early risk detection, feedback loops, and quick deployments utilizing **Jenkins**
 - Developed automated system checks that allowed for backend health monitoring across all platforms
 - Created regression suites with **Selenium** and test development tools through integration of **TestRail API**
 - Automated performance testing to ensure response times for A/B test framework using **JMeter**
- Jan. – Apr. 2016 **SOFTWARE TEST AND TOOLS DEVELOPER** | GEO Semiconductor Inc.
- Validated firmware integrity of over 20 camera sensors/platforms through **TestLink** and **JIRA**
 - Reduced testing time by over 50% through automation of testing procedures
 - Developed host tools for internal testing/development and designed regression test plans

PROJECTS

- Jul. 2017 - Present **ATOM LEETCODE** | Atom Package
- Made an **Atom** package that extracts questions from Leetcode into the text editor with difficulty and language selection
- Nov. 2016 **ALEXA BUDDY** | Amazon Echo
- Created an **Alexa** app that responds with Reddit posts while filtering out posts containing negative sentiment; won "Best Hack Against Online Harassment"
- May – Jul. 2016 **STEP TRACKER** | Android App
- Developed an **Android** application that utilizes device sensors and finite state machines to track steps and detect direction

EDUCATION

- 2015 - Present **COMPUTER ENGINEERING** | University of Waterloo
- Candidate for Bachelor of Applied Science Degree in Computer Engineering
 - Received President's Scholarship for 90-95% entrance average