

Richard Dang

2B Computer Engineering

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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