

DANNY GOSAIN

3B - SYSTEMS DESIGN ENGINEERING | UNIVERSITY OF WATERLOO

dgosain@uwaterloo.ca



(647) 919-5627



dannygosain.me



linkedin.com/in/dannygosain



github.com/dannygosain1/



EDUCATION

UNIVERSITY OF WATERLOO
SYSTEMS DESIGN ENGINEERING
Expected May 2018 | Waterloo
Option in Management Sciences

President's Scholarship (2013)

SKILLS

PROGRAMMING

JavaScript • Java • Bash • Groovy
Perl • Objective-C • C++ • MySQL
Scala

FRAMEWORKS

HTML5 • CSS • Angular2 • React •
Backbone.js • jQuery

TOOLS/TECHNOLOGIES

PROFICIENCIES

Git • Docker • Jenkins • Nexus
UrbanCode Deploy • IBM Bluemix
Splunk • MS SQL Server

FAMILIARITIES

Vagrant • SonarQube Dynatrace •
CircleCI • XLDeploy • Xcode • JUnit
JMeter

INTERESTS

Basketball • Sitcoms • Soccer
Table Tennis • Fitness

EXPERIENCE

SOFTWARE ENGINEER - DEVOPS

RBC One / Sept 2016 – Dec 2016

- Worked in a SAFe Agile team to implement and develop solutions enabling development teams to build, deploy, monitor and test applications
- Designed and developed continuous deployment pipeline, integrating Git, Jenkins, SonarQube, Nexus, and UrbanCode Deploy
- Set up environment provisioning solutions using Vagrant and Docker
- Developed automation and deployment utilities using Bash, Groovy, and Perl
- Introduced Bats unit-testing across the stack and wrote end to end bash-testing coverage for utility methods and new features

SOFTWARE DEVELOPER

Royal Bank of Canada / Jan 2016 – Apr 2016

- Designed, developed, and managed a successful cloud-based mobile web application from conception to completion, which is used company-wide
- Implemented DevOps for continuous integration into IBM Bluemix
- Developed web interface using HTML5, JSP, Java, JavaScript, JDBC and SQL
- Initiated ELK Big Data project for log management and Dynatrace for analytics

INFORMATION SOLUTIONS ANALYST

Maple Leaf Foods / May 2015 – Aug 2015

- Responsible for all aspects of troubleshooting, installing, training, and functioning of weekly SAP transport procedures
- Built an automated system to keep track of analysts' logs and tickets, saving QA 25+ hours/week, and achieving 'Lean Six Sigma - Green Belt' in the process

WEB DEVELOPER

Toronto District School Board / Jan 2014 – Apr 2014

- Specialized in prototyping website designs for new schools, providing custom web interface and patching incompatible WordPress plugins
- Developed PHP-to-Windows email forms for creating, cataloging, and managing events for the athletics department

PROJECTS

ENROUTE

HackPrinceton, 2016

- Built an Android application which allows users to search for points of interests over large distances or long drives
- Used Java for Android app, Yelp API to find and return the nearest points of interests and Google [Maps/Places/Directions] APIs to display and populate the map with nearest points of interests along the entire route

INSTAFIND

- Built an iOS application in Objective-C for object location system using radio frequency to find lost items in seconds using small RFID tags to be attached on objects, Arduinos to get the location of the missing objects and iOS application to send results to the user