Yannick Lee-Hon-Siong

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Overview

o Technical languages: Python, Java, C, C#, VBA, Groovy, SQL
o Tools & Methodology: DevOps, Jenkins, GIT, Linux, JIRA, Agile

Work Experience

Manulife (Bank)   Jan 2020 – Apr 2020
Software Engineer Co-op (DevOps)   *Kitchener, ON*
o Built Jenkins pipeline using GitLab API to generate git projects with necessary security configurations
o Implemented Jenkins CI/CD pipelines that runs code quality scans and build creation on Git changes
o Programmed in Groovy to remove unauthorized user access in Git Projects
o Created Jenkins pipeline to populate file templates in Git projects to enable specific CI/CD pipelines

Magnet Forensics (Digital Forensics Software)   Sep 2018 – Dec 2018
Software Test Specialist Co-op   *Waterloo, ON*
o Performed Whitebox tests on new software features to ensure quality code is ready for sprint release
o Highlighted areas of testing to developers to have proper coverage of testing
o Groomed backlogged tickets and determined the associated costs to properly estimate sprint commitment
o Used SQL and hexadecimal mapping knowledge to navigate to improve testing of development features

BlackBerry (Mobile)   Jan 2018 – Apr 2018
Automated Test Development Student   *Waterloo, ON*
o Developed automated Python test cases to validate that phone vulnerabilities are not exposed
o Converted manual test cases into automated Python test cases to enrich the automated testing framework
o Cleaned and improved the readability of the test automation framework for better sustainable code

Sun Life Financial   May 2017 – Aug 2017
Testing Specialist I Co-op   *Waterloo, ON*
o Built an Automated Regression model for HR software that covers 100% of base functionality
o Defined and documented the test cases for the Test Regression Model

Connected Solution Experts   May 2016 – Aug 2016
Automated Test Scripter Intern   *Toronto, ON*
o Executed functional test cases for regression testing and performance engineering of developed software
o Coded Java functions to improve the stability of test case generation and removing failure points

Education

Wilfrid Laurier University – Double degree   Sep 2015 – Aug 2020
Bachelor of Science in Computer Science and Bachelor of Business Administration
 Exchange term at Universidad de Navarre, Spain – Fall 2019

Projects

Student Alcohol Consumption Prediction Model   Jul 2019
 Multi Layered Perceptron, Decision Tree, and Logistic Regression
o Implemented Machine Learning models to predict a student's alcohol consumption
o Pruned the dataset to simplify the decisions made by the prediction models, improving their accuracy

Shout.it   Aug 2018
 Bluetooth Mesh Messaging Application (Android and iOS)
o Group Software Engineering Project to have conversations on the Bluetooth Low Energy mesh network

Activities and Interests

Rock Climbing, Tough Mudder, Soccer, Mechanical Keyboards, Fountain Pens, Traveling, Foodie