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Computer Engineering 1B

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Jesus Garcia Moreno

Skills & Abilities

TECHNICAL
- Proficient in Python, C++, Java, HTML/CSS, LabVIEW, and Object-Oriented Programming
- Tools and technologies used: PyQt5, Postman, Appium/Selenium, JMeter, SQL, Vim, Eclipse, NetBeans, and Jira

COLLABORATION
- Engaging, can inspire other colleagues, open to hearing new ideas and concerns from team members, and can work hard to achieve the obligations of the group
- Skills demonstrated through my experience as a student leader and working in a team-based environment

Experience

QA ANALYST | BIOCONNECT   JANUARY – APRIL 2019
- Built automation scripts using Python to improve the test cycle by reducing the time spent on manual testing
- Worked closely with Development and QA teams to plan and execute tests across mobile, server-client, RESTful APIs, SQL databases, and hardware devices to ensure it meets the specified requirements
- Kickstarted the automation test suite for the BioConnect Android cloud app using the Appium-Python client: implemented BioConnect's API, OOP, and created over 50 reusable test scenarios with 5-25 assertions each.
- Identified, analyzed, and implemented appropriate automation technology for respective platforms

BACK SHOP | PIPER'S HEATH GOLF CLUB   APRIL – AUGUST 2018
- Performed as a team player with co-workers and other departments to complete tasks and increase productivity
- Greeted customers and provided them with clean, functional golf carts to boost customer satisfaction
- Announced tee times through a microphone to assure time optimization and golfers tee off on schedule

INVENTORY CLERK | ELLIOT MACHINERY   NOVEMBER – DECEMBER 2017
- Organized the amount of equipment and supplies available in storage with minimal supervision and guidance
- Maintained and compiled physical records of all attainable supplies to be computed in database

Projects

XPTRACK | PERSONAL PROJECT   MARCH 2019
- Created a financial management app to help track expenses, such as education, food, housing etc. and allows the user to calculate statistics for their expenses such as average daily spending, projected annual spending, etc.
- Utilized Python, OOP, and PyQt5, a cross-platform GUI toolkit, to design the desktop application user interface

SKILLS ONTARIO | ROBOTICS AND CONTROL SYSTEMS   MAY 2018
- Designed, built, and programmed a merry-go-round utilizing LabVIEW, NI myDAQ, and Fischertechnik kits
- Competed at the provincial level in teams of two to complete this given task throughout the day

THE FRUIT GAME | HIGH SCHOOL PROJECT   JUNE 2017
- Programmed a single-player game in Java, where three different types of fruits are shown on the screen and the user would take alternating turns with the computer to remove fruit from the table and whoever snatches the last fruit is announced as winner.

Education

UNIVERSITY OF WATERLOO | BACHELOR OF APPLIED SCIENCE   2018 – 2023
- Awarded the President's Scholarship of Distinction