Mirage Mohammad

Toronto, Ontario, Canada
Computer Engineer
University of Ottawa

SUMMARY

An aspirational, innovative, and creative computer engineer graduate who has a strong passion for object-oriented programming. Looking for internships, contracts, or full time position.

TECHNICAL SKILLS

Programming Language: Python, Java, C, C++, TypeScript/JavaScript, HTML, CSS, SQL
Database: MySQL, PostgreSQL, MongoDB
Applications: GitHub, Bitbucket, JIRA, Trello, TestRail, Jenkins, AWS

EDUCATION

Bachelor of Applied Science in Computer Engineering (Entrepreneurship and Management Option)
University of Ottawa, Ottawa, ON
September 2018 – December 2022

PROJECTS

Quickpass is an automated real-time system that allows or restricts visitors to enter a facility based on COVID-19 guidelines
Requirement Coverage is a script that extracts data from TestRail into Excel
Piece is a chessboard that represents pieces that moves to the given position. (King, Queen, Rook, Knight, Bishop, Pawn)

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September 2021 – August 2022 (1 Year)
Financial Data Analyst (CO-OP)
Public Services and Procurement Canada, Gatineau, QC

- Created an agenda and record of decision chart
- Calculated data using pivot tables in Microsoft Excel
- Edited with Track changes mode in Microsoft Word
- Designed flow chart diagrams, finite state machines, and vector graphi applications in Microsoft Visio
- Imported database into Microsoft Visio
- Executed scripts using SIGMA BI
- Used financial software applications like the Solution Manager and SIGMA BI
- Organized meetings by using the scheduling assistant
- Sent out multiple emails at once on outlook using mail merge
- Worked with tools like VLOOKUP, Pivot tables, and VBA in Microso Excel
- Executed t-codes in SIGMA BI
- Extracted SOLMAN tickets from Solution Manager
- Analysed and edited JavaScript on Kofax Power PDF
- Created project environment setup using HTML
- Implemented various JavaScript linkages between checkboxes
- Extracted and uploaded files using SIGMA BI and Solution Manager
- Generated Excel pivot tables to compile key company data and reports
- Managed information and documents in GCdocs
- Distributed huge amount of data and created dashboards using Excel

CONTACT

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LinkedIn: https://www.linkedin.com/in/miragemohammad/

PROFESSIONAL EXPERIENCE

January 2023 – April 2023 (4 Months)
Software Test Engineer and Quality Assurance (CO-OP)
Ford Motor Company, Kanata, ON

- Designed a Python Script that extracts data from TestRail and exports the information into Microsoft Excel showing the status of the test cases. (Requirements, Fix Version, Automated, Approved, Repaired, Designed, Blocked, Obsolete, and Total)
- Fixed and cleaned Python code according to Flake8 errors in GitHub
- Worked on Implementing TypeScript to replace setInterval, clearInterval, setTimeout functions with PeriodicCallback()/Date() object
- Collaborated in a team environment by contributing to deliverables through agile scrum JIRA development sprints.
- Made sure to update the developer branch while running the automation scripts
- Communicated with software developers to design test software
- Merged multiple pull requests to the master branch using Github
- Converted open PR (pull request) to draft PR (pull request)
- Applied git rebase, git merge, git pull origin master
- Committed and designed functional integrations tests
- Installed npm (nvm) and automated tests in remote desktop connect environment.
- Deeply understood JIRA applications dashboard, backlog, and issues
- Integrated Jenkins for automation built and testing (consist of Selenium, Maven)
- Implemented declarative pipelines using Groovy
- Configured and build jobs using Jenkins
- Ran and executed Python automation scripts with the slash framework
- Virtualized and setup vagrant and VirtualBox
- Networked with command line interface of Windows command prompt and Linux terminal
- Inspected TestRail for test cases to include all steps to test user stories
- Joined daily scrum meetings to discuss user stories' and individuals' progress
- Analyzed logging bugs and software defects with VSCode
- Communicated with colleagues through Webex, GitHub PRs and Outlook
- Wrote, read, and edited contents on the Wiki
- Enabled Jenkin jobs periodically at a scheduled time