



Nathalie Ng

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TECHNICAL SKILLS

Languages : Python, Java, C, C#, HTML, CSS, JavaScript, Bash, SQL

Tools and Technologies : MS Office, Visual Studio, GitHub, Docker, Elasticsearch, Jenkins, Helios, OpenShift Container Platform (OCP), Hive

Libraries and Frameworks : Vue.js, React.js

EXPERIENCE

RBC (Royal Bank of Canada)

Jan. 2022 - Aug. 2022

Developer Intern

Toronto, ON

- Set up data migration to the cloud for 15+ batch jobs by updating configurations and Docker base images to containerize and deploy applications
- Debugged coding errors and resolved any base image vulnerabilities in the CI/CD pipeline to build jobs on Helios and proceed testing individual jobs in OCP
- Used Hive to compare table counts between the older databases to ensure that the data migration proceeded smoothly
- Assisted the QA and Production team in debugging any errors and setting up Elasticsearch pipelines to log errors in each environment

Toronto Metropolitan University, First Year Engineering Office

May 2021 - Dec. 2021

Mobile Application Developer

Toronto, ON

- Maintain and update the mobile app to improve user experience by adding features such as notifications, navigation bar and a map with Xamarin and C#
- Manage and create ways to automate Academic Initiative work such as using Google Script to reduce days worth of work into minutes
- Created a Discord Bot with Python and Google Script to generate and send out unique codes to verify registration status and assign roles in a Discord server

CIBC (Canadian Imperial Bank of Commerce)

Sep. 2020 - Dec. 2020

Technical Process Analyst Intern

Toronto, ON

- Improved macros in Excel for task files to maximize code efficiency and run-time
- Automated tasks such as compiling data and sending emails on Excel with VBA to reduce the time spent on tasks up to 80%
- Used Excel tables and formulas to organize and display data for daily, weekly and monthly reports

PROJECTS

Duos

- A mobile application developed to match users based on game interests
- Developed with Flutter/Dart for frontend and Nest.js for backend

EDUCATION

Bachelor of Science (Honours) in Computer Science, Co-op

Toronto, ON

Toronto Metropolitan University (formerly named Ryerson University) **CGPA: 3.80**

Jun. 2023