

MONICA STEF

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EXPERIENCE

Scotiabank – *Data Engineer (Co-op)* | Jun. 2023 – Aug. 2023

- Facilitated Talend to perform data integration jobs following ETL pipeline architecture
- Constructed UML diagrams to outline data ingestion jobs in Talend
- Mapped data from ODS to EDL using SQL queries and created a comprehensive analysis of data
- Ran HQL queries to alter database structures dealing with data gap issues

Bank of Montreal - *Administrative & Financial Assistant (Co-op)* | Nov. 2020 – Feb. 2021

- Handled clients' requests and inquiries
- Organized and maintained client databases and files
- Processed items for clients' accounts and files

EDUCATION

Queen's University – *Bachelor of Computing, Honours* | Sep. 2022 - Present | **GPA: 4.15**

- Relevant Coursework: Object-Oriented & System-Level Programming, Computer Architecture, Python, Java, & C Fundamentals, and Discrete Mathematics

PROJECTS

ER Waiting Room Simulator:

- Added new patients to ER using priority queue approach, discharged patients by evaluating priority level and wait time, used original Vigenère Cipher encryption algorithm to store patient information

Student Registry Application:

- Implemented functions for adding, searching, updating, and deleting student records, produced custom reports based on specific data filters

"Flappy Bird" Game:

- Designed a game in Java that responds to keyboard clicks and keeps track of players scores

SKILLS

Languages & Technologies: Python, Java, C, HTML, CSS, JavaScript, SQL, HQL, Bash, Figma, Miro, Git, Pytest, JUnit, Talend, BitBucket, DBeaver, DbVisualizer, PuTTY, Microsoft Office

Non-Technical: Willingness to learn, Creativity and Innovation, Ability to Problem Solve, Interpersonal Skills

EXTRA-CURRICULAR

- QHacks – *First Year Representative & Marketing Director*
- Queen's Conference on Business and Technology – *First Year Representative & Logistics Coordinator*
- Queen's Women in Computing – *Events & Logistics First Year Representative*