Samuel J. Morris

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EDUCATION

McGill University, Montréal, Québec   September 2018 – May 2022
Bachelor of Arts and Science (B.A. & Sc.) Honours Cognitive Science, *Bachelor of Arts,* Minor Computer Science.
• CGPA 3.55/4.00. Graduated with *First Class Honours* in May 2022.

WORK EXPERIENCE

Emburse Inc., Montréal, Québec   August 2022 – Present
Level 2 Software Developer
• Full-stack developer for the "Emburse Cards" Django web application, responsible for implementing new features, addressing technical debt, and writing tests, in Python, HTML, JavaScript, and CSS.
• Achieved a promotion from Level 1 to Level 2 software engineer.
• Contributed over 85% of the work on an urgent security project to protect our application against fraudulent activity using two-factor authentication. Increased visibility of fraudulent logins by creating a staff page to view user login activity in real time.
• Engineered an internal tool for exporting FX/XB (foreign exchange and cross border) fees for our clients, and created a cron job for charging FX/XB fees at the end of their pay periods.
• Trained the support team to use an internal tool for generating credit cards in bulk using a CSV upload.
• Involved in project planning, code-reviews, QA testing, application deployments, and on-call rotations.

SKYTRAC Systems Ltd., Victoria, British Columbia   May – September 2021
Junior Software Developer, Co-op
• Spearheaded the development of a new Java application for scheduling, packaging, and sending emails to customers based on their account's notification settings.
• Created CI/CD pipelines, Docker images, and unit-tests to streamline application deployment.

SKILLS AND INTERESTS

Java: OOD, Design Patterns, JUnit, JAX-RS, Mockito. **Python:** Django, OpenAI, Asyncio, Flask, Py4J, NumPy, PyGame, Matplotlib. **Other Languages:** JavaScript, C#, SQL, HTML, CSS, OCaml. **Software Tools:** Docker, GitLab CI/CD, CodeFresh, Okta, MySQL Workbench, Postman, Jira, Confluence, IntelliJ Idea, Visual Studio, Eclipse. **Interests:** Cooking, Reading, Chess, Skiing, Badminton, Guitar. **Citizenship:** Dual (Canadian & U.S.)

LEADERSHIP AND EXTRACURRICULAR

Youth Engagement McGill & Concordia, Montréal, Québec   September 2018 – December 2020
Junior Executive
• Trained new members and organized meetings for the Youth Engagement club, whose goal is to empower high-school students by exposing them to STEAM (Science, Technology, Engineering, Arts, and Math.)