Samuel Jack Morris

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EXPERIENCE

Emburse Inc., Montréal, Québec   August 2022 – Present
Level 2 Software Developer, Full-time, Remote
- Full-stack Python developer for the Emburse Cards Django web app, responsible for implementing new features, addressing technical debt, participating in on-call rotations, undertaking deployments, writing unit and integration tests, planning projects, responding to emergencies, and performing code-reviews.
- Contributed over 85% of the work on an urgent security project to protect our application against fraudulent activity by using two-factor authentication and monitoring user login activity.
- Led a certification process where I was the sole representative for my team in calls with Apple and Stripe that involved performing various actions on our backend at the request of a third-party tester.
- Independently planned a Jira epic to migrate away from "public key" authentication in our Plaid Inc. integration.
- Created an internal tool for exporting foreign exchange and cross border fees for our clients, and a cron job for charging them at the end of their pay periods.
- Achieved a promotion from Level 1 to Level 2 software engineer.

NatuR&D, Victoria, British Columbia   August 2024 – Present
Software Developer, Part-time (4-8 hours a week), Remote
- Full-stack JavaScript developer on a team of two people for the Resilient Urban Systems and Habitat, or RUSH, Initiative, co-responsible for the high-level requirements design, project planning, and implementation of a backend for the website.
- Check out the website https://whatstherush.ca, or GitHub https://github.com/naturnd-rush/rush-cms.

SKYTRAC Systems Ltd., Victoria, British Columbia   May – September 2021
Junior Software Developer, University Co-op, Remote
- 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.

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.

SKILLS

Python: Asyncio, Django, Flask, InteractiveBrokers, Matplotlib, NumPy, OpenAI, OpenTelemetry, Pandas, Plaid, Poetry, Py4J, PyGame, Stripe. **Infrastructure:** Bash, CodeFresh, Coralogix, Docker, GitLab, PostgreSQL, MySQL Workbench, Postman, Kubectl. **Workflow:** Git, Jira, Confluence, Zendesk, Okta. **Java:** OOD, Design Patterns, JUnit, JAX-RS, Mockito. **C#**: Unity. **Other Languages:** JavaScript, SQL, HTML, CSS, OCaml.