

Rushit Shah

☎ 647-834-0757 | ✉ rushshaw9@gmail.com | [in linkedin.com/in/rushit](https://www.linkedin.com/in/rushit) | github.com/rushit | rushshah.xyz

EDUCATION

McMaster University

BASc, Computer Science

Hamilton, ON

Sep. 2022 – May 2026

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, Bash, HTML/CSS

Frameworks: React, JUnit, Flask, GoogleAds Script


Tools: Git, Docker, Azure, Jira, VS Code, Postman, Figma

Libraries: Pandas, NumPy, Matplotlib

EXPERIENCE

Data Analyst Intern

Sep. 2024 – Dec. 2024


 EQ Bank

Toronto, ON

- Developed and deployed **VBA scripts** to automate staging templates, reducing manual processing time by over **20 hours per month** and improving data accuracy.
- Designed and optimized **ETL processes** to load various loan lifecycles data from disparate sources into CyberQuery, significantly enhancing user accessibility and efficiency over **30%**.
- Documented** business requirements, **developed** test cases, and **identified** process optimizations utilizing the Atlassian Suite (Jira, Confluence) and Visio that reduced project lifecycle time by **25%**.

Software Developer Intern

May 2024 – Aug. 2024

 EQ Bank

Toronto, ON

- Developed a **reporting/analysis** application for the **Risk Governance team**.
- Pushed **1500+** lines of Python code including unit tests to ensure stability of the tool.
- Integrated a custom **front-end querying interface** into the reporting/analysis application using PyGUI, enabling teammates to efficiently retrieve and analyze data, reducing reporting time by **75%**.
- Enabled **data-driven decision-making** by developing automated reports and visualizations using Pandas and Matplotlib, improving C-suite meeting efficiency by **20%**.

Regulatory Risk Intern

Jan. 2024 – Apr. 2024

 Scotiabank

Toronto, ON

- Coordinated with internal stakeholders at Scotia Securities Inc to devise a **record retention framework** reducing duplicate work done by **45%**.
- Improved data visualization with a Power BI dashboard and automated records inventory with macros leading to **65%** reduction in manual checks
- Identified** compliance concerns in **GWM policies** and sought remediation with an overall turnaround of **2 hours**

PROJECTS

Vinculum | *React, Node.js, WebSockets, WebRTC, Pixi.js*

- Developed a real-time collaborative web application for HackWestern that supports multiple users interacting in a shared virtual environment with synchronized movements using WebSockets.
- Integrated peer-to-peer proximity voice chat functionality using WebRTC, enabling real-time communication between users.
- Established a modular and scalable backend architecture with Express and Socket.IO, facilitating efficient real-time data handling and seamless synchronization between clients.

Chained Simple | *Python, Flask, Jinja2, Verbwire, Cohere*

- Designed and developed a decentralized platform to securely store financial information as NFTs on the Sepolia testnet, leveraging blockchain technology for enhanced privacy and accessibility.
- Integrated Verbwire API for NFT minting and management, and Cohere AI for processing and analyzing metadata, providing intelligent insights to users.
- Built a responsive, wallet-authenticated interface using Flask and HTML/CSS, enabling seamless document uploads and interactions in a decentralized environment.