


Rushit Shah

☎ 647-834-0757 | ✉ rushshaw9@gmail.com | in [linkedin.com/in/rushit](https://www.linkedin.com/in/rushit) | GitHub 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, HTML/CSS
Frameworks: React, JUnit, Flask, GoogleApps Script
Tools: Git, Azure, Bash, Jira, VS Code, Postman
Libraries: Pandas, NumPy, Matplotlib

EXPERIENCE

Business Data Analyst Intern

Sep. 2024 – Aug. 2024


 *EQ Bank*

Toronto, ON

- Developed and deployed **VBA scripts** to automate staging templates, reducing manual processing time by over **20 hours per month**
- Led data collection, sorting, and integration efforts, consolidating diverse datasets into a unified database and improving data accessibility
- Documented business requirements, developed test cases, and identified process optimizations 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
- Aided in the migration to Jira, effectively **project managing** the team's sprints
- Provided robust oversight on the **AIRB self-assessment process** helping streamline the goal of **Basel II Compliance**

Regulatory Risk Intern

Jan. 2024 – Apr. 2024

 *Scotiabank*

Toronto, ON

- Coordinated with internal stakeholders at Scotia Securities Inc to devise a **record retention framework**
- Identified compliance concerns in GWM policies and sought remediation
- Improved data visualization with a Power BI dashboard and automated records inventory with macros

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.
- Built a dynamic 2D virtual environment rendered using Pixi.js, providing a responsive and immersive user experience.
- 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.