


Rushit Shah

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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, WordPress, GoogleApps Script
Tools: Git, Azure, Bash, Jira, Confluence, VS Code, Eclipse
Libraries: Pandas, NumPy, Matplotlib, Tkinter, JSwing

EXPERIENCE

Business Data Analyst Intern

Sep. 2024 – Present


 *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.

Google Sheets Grades Automator | *Javascript, GoogleApps Script*

- Developed an extension/script for Google Sheets to streamline the process of sending student grades directly to their email addresses
- Eliminated the need for manual input, significantly reducing the time required for grade distribution
- Created using Google Apps Script, ensuring seamless integration with Google Sheets
- Saved teachers considerable time, allowing them to focus more on instructional activities