

# SHAMS MINAL RAHMAN

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[GitHub](#) [LinkedIn](#) [Website](#)

## EDUCATION

York University

Expected Graduation: Apr 2024

Bachelor of Science – Computer Science

- **Relevant Coursework:** Design and Analysis of **Algorithms**, Intro to **Database Systems**, Advanced **Object-Oriented Programming**, **Programming for Mobile Computing**

## SKILLS & ABILITIES

**Programming:** JavaScript/TypeScript, HTML, CSS/SCSS, Java, C, jQuery, C++, Unix, Bash Scripting, Git

**Frameworks:** Angular, Node.js, NgRx, React, Vue.js, JUnit, WordPress.org

**Languages:** English (native), Bengali (native/bilingual)

## EXPERIENCE

Bank of Montreal

Sept 2022 – Apr 2023

Software Developer Intern

- Designed solutions, wrote code, conducted unit tests, and assisted with final delivery of projects **with Angular & NgRx**.
- Collaborated with cross-functional teams and integrated designs from **Figma** to create a seamless and secure user experience, resulting in streamlined processes.
- Contributed to the successful launch of a new online banking signing service for customers to use on a daily basis, ensuring the service met regulatory requirements.
- Managed **agile project development** and version control **with Git, BitBucket, Jira, and Bamboo** to drive code contributions, resolve tickets, deploy and merge pull requests, and ensure high code quality with daily pull request reviews.
- Implemented automated functions into the team's development tools **that reduced manual work by 50%** improving overall efficiency and streamlining workflow.
- Created detailed reports on findings and proposed solutions to various software issues, leading to the **resolution of over 200+ bugs** using **Jasmin & Jest**.

Zodiac Group

June 2022 – Aug 2022

Android Developer Intern

- Developed a range of website pages **using HTML and CSS**, including pages for online product sales, support and contact, and a landing page, all in accordance with the client's pitch and mood board.
- Leveraged **Xamarin and C++** to convert commercial desktop software into cross platform mobile apps, increasing accessibility and reach.
- Designed modern and responsive UI layouts for **Android and iOS** that enhanced the user experience and made the apps more visually appealing.
- Managed integrations and data transfer using **RESTful API's**, ensuring a smooth and reliable process.
- Utilized code reviews, **agile** methodologies, and cross-functional team collaboration to design and ship new features, resulting in high-quality code and efficient project delivery.

## PROJECTS

RU Hacks 2022: Digital

May 2022

Project Lead: Empath

- **Worked as a sprint leader** to organize and delegate tasks to a team of 3, to create an advanced sentiment analysis engine **with HTML, CSS, ReactJS and Python**.
- Users input text or YouTube video ID, gets passed into **Python-YouTube API** with **transformer-based machine learning technique BERT** to return array of numerical and categorical data.