

SAM QURESHI

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EDUCATION

Computer Programming & Analysis Advanced Diploma
George Brown College

cGPA: 3.82
Jan 2024 - Present

INTERNSHIP AND WORK EXPERIENCE

Software Developer
Rack-I

Toronto, Ontario
Feb - Aug 2023

- Made a substantial contribution to crafting the back-end infrastructure, leveraging NodeJS, Express, and MongoDB to create an internal database that increased data retrieval efficiency by 30%
- Played a pivotal role in the development of the core application by collaborating closely with the front-end team, reducing bug occurrences by 20% through thorough code reviews and testing
- Established the foundational account setup for back-end software resources, resulting in a 25% improvement in deployment time and security measures

Hardware & Software Analyst Internship
Ryerson University

Toronto Ontario
Sept 2022 - April 2023

- Contributed significantly to the development of an internal database dedicated to managing sensitive data, reducing data entry errors by 15% through improved validation processes
- Assumed a pivotal role as the primary point of contact for setting up new hardware, successfully deploying over 50 new devices while ensuring compliance with established hardware policies and regulations
- Ensured the secure and proper disposal of outdated hardware, overseeing the data wiping process for over 100 devices, with zero data breaches reported

Data Clerk Internship
Learning Enrichment Foundation

Toronto Ontario
June - Sept 2022

- Proficiently managed and validated client data within the CRM system, reducing data processing time by 20% through streamlined data handling protocols
- Collaborated seamlessly with a team within the SCRUM framework to enhance both CRM functionality and front-end features, resulting in a 10% increase in user satisfaction based on feedback
- Methodically documented optimal approaches, with a particular focus on Agile methodologies, which helped decrease the project completion time by 15%

TECHNICAL EXPERIENCE

Meme Royale *Typescript, Javascript, MongoDB, JSON*

<https://github.com/blitzwolfz/MemeRoyale>

A backend software used to help run and manage an online tournament, which improved moderation efficiency by 25%. Includes moderation tools, user tools, API data fetching. Application also utilized functional programming, and object-oriented programming.

Red Java

<https://github.com/blitzwolfz/Red>

A toy interpreter designed to teach the concepts behind the creation of interpreters and the programming languages associated with them. It successfully compiled over 100 test cases, demonstrating robust support for object-oriented design, inheritance, and polymorphism.

TECHNICAL SKILLS

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|--------------------------------|---|
| Languages: | Java, TypeScript, Python, SQL |
| Frameworks: | NodeJS, SQLite, PyUnit |
| Libraries: | Express, Fastest Levenshtein, JSON |
| Tools and Technologies: | Git, MongoDB, VSCode, LaTeX, Excel, CRM, MySQL |
| Interests: | Language Design, Natural Language Processing, Data Structures |