

# Sam Mojaverian

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## TECHNICAL SKILLS

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**Programming Languages:** Java, JavaScript/TypeScript, Python, SQL, PHP, HTML, CSS

**Technologies:** React, Spring, Unity, Node.js, MySQL, MongoDB, Firebase, Tailwind, Git, PyTorch, TensorFlow, Pandas

**Other Tools:** Unix/Linux, GitHub, Bitbucket, Jira, Redmine, Jenkins, Jupyter, Postman, Google Cloud Console

## EDUCATION

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**Morgan Stanley – Technology Analyst Program**

Aug 2023 – Oct 2023

**Concordia University - Bachelor of Computer Science (BCompSci) - Coop**

Sep 2020 – Aug 2023

- **Relevant Courses:** Data Structures & Algorithms, Operating Systems, Artificial Intelligence, Computer Vision, Applied Machine Learning, Object Oriented Programming, Discrete Maths, Software Methodologies, Advanced Program Design

## INDUSTRY EXPERIENCE

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**Morgan Stanley**

Technology Analyst, Application Development – Montreal, Canada

Aug 2023 – Present

- Joined the Americas Technology Analyst Program, an 8-week technology training program prior to team placement

**Intact Financial Corporation**

Software Development Intern – Montreal, Canada

Jan 2023 – Apr 2023

- Executed full-stack **development** tasks such as building responsive pages, and inserting data analytics tags using **React**, **GraphQL**, and **TailwindCSS**, resulting in an improved **UI** suitable for all media types and screen sizes
- Developed Unit Tests using **Jest**, resulting in improved code quality, and achieving a test coverage of over **80%**
- Implemented and executed deployments of applications utilizing **CI/CD** workflows such as **Jenkins** and **ArgoCD**

**Morgan Stanley**

Technology Analyst Intern, Application Development – Montreal, Canada

Jan 2022 – Apr 2022

- Developed a **Java** parsing microservice to reduce query redundancy, resulting in **95% faster** multi-asset query times, using **Stanford NLP**, **Apache Lucene**, **Elasticsearch**, and **Gradle** while creating corresponding **Junit** tests
- Made changes to the **YAML** files of the codebase to retrieve build and deployment numbers from the **CI/CD (Jenkins)** pipeline, resulting in easier access to affected code versions, decreasing the overall bugfix time
- Integrated a development team and participated in their tasks and **Agile** development process (**Scrum & Kanban**)

**Antea AIM Software**

Junior Programmer (Intern) – Brossard, Canada

May 2021 – Nov 2021

- Implemented bug fixes across the front-end and back-end of Antea's flagship Asset Integrity Management software while actively seeking feedback from senior developers to ensure code quality
- Participated in a 3-week training session covering various technologies such as **Spring**, **Vaadin**, **Maven**, and **H2**
- Acquired experience working in a collaborative development team by using tools such as **GitHub** and **Confluence**

## PROJECTS & EXTRACURRICULARS

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[MyFoodList](#) – Web Application

Next.js, React, Tailwind CSS, Firebase, Node.js, Express.js, Google Cloud

Personal Project

May 2023 – Aug 2023

- Developed a web application for geographic food reviews using **Firebase**, **Express.js** and **Next.js** with **TypeScript**
- Implemented Google Maps API and Google OAuth by utilizing the Google Cloud Console
- Deployed backend using **Google Cloud Platform** (AppEngine) and frontend using **Vercel**

[Epidemap](#) – Web Application

React, Express, MongoDB, Google Maps API

ConUHacks 2023 – Concordia University - Hackathon

Feb 2023

- Developed a web application using the **MERN Stack** and **Google Maps API** to collect and display epidemic data on a map

[Lost in Space](#) – Unity Video Game

C#, Unity

McGameJam 2022 – McGill University - Hackathon

Mar 2022

- Designed and developed a 2.5d platformer game with procedurally generated endless levels, as a team of 6