

ISAIAH SINCLAIR

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Kitchener, Ontario

EDUCATION

University of Guelph

Bachelor of Computing, Computer Science (Co-op) **GPA: 4.0**

Sept 2021 - Apr 2026

Guelph, Ontario

- Minored in Economics.
- Awarded the Dean's Scholarship in October 2023 for my academic achievements.

SKILLS

Languages: Python, Java, C, JavaScript, SQL, R, HTML, CSS, MATLAB
Frameworks/Libraries: Spring Boot, Django, React.js, Vue.js, Pandas, FastAPI
Additional Skills: Docker, Kubernetes, Microservices, AWS, GCP, PostgreSQL, Linux, Git, CI/CD

WORK EXPERIENCE

Site Reliability Engineer Intern

SAP

May 2025 - Aug 2025

Waterloo, Ontario

- Developed an Agentic AI solution to group crash alerts with Python and the Gemini API, improving operational efficiency.
- Enhanced a Grafana crash analysis tool, reducing manual work by 139 hours yearly.

Data Engineer Intern

CPP Investments

Jan 2025 - Apr 2025

Toronto, Ontario

- Delivered 12 REST API implementations for a Data Platform as a Service (DPaaS) with Python, enabling dynamic service deployment.
- Converted application exceptions tables from Hive to Apache Iceberg, resulting in a 38% reduction in query times.
- Automated the deployment of AWS infrastructure with Terraform, ensuring consistent functionality across all accounts.

Software Developer Intern

EcoTank Canada

May 2024 - Dec 2024

Orangeville, Ontario

- Researched, designed, and implemented a new role-based access control system with JavaScript, Firebase and Vue.js, doubling permission support across the application.
- Programmed a notification system for overdue service tickets using hash maps, leading to a 73% reduction in overdue tickets.

Software Developer Intern

NCR Voyix

May 2023 - Dec 2023

Waterloo, Ontario

- Worked in a team to develop patent-pending Blockchain technology for bank transfers.

PROJECTS

Quantify *Keras, TensorFlow, Python, Django, Vue.js, Machine Learning*

- Trained a recurrent neural network to forecast stock values.
- Developed a backend that generates stock prices on demand with ML, using Django.

WaterWise *Java, SQL, Python, TypeScript, Spring Boot, React.js, Docker, FastAPI*

- Implemented a Cron job to automatically fetch and update water quality data from an external service every 24 hours, ensuring data accuracy and timeliness.
- Configured Docker containers for the front-end, back-end, data service, and database, enhancing application modularity, scalability, and portability.

Running Plan Generator *Java, JavaScript, Spring Boot, React, Maven, Bootstrap, Chart.js*

- Implemented the back end with Spring Boot, creating a service component that algorithmically develops a training plan customized to the user.
- Developed the UI with React, displaying the generated training plan in table format and as a chart.

EXTRACURRICULARS

Analyst

GSIC

Jan 2023 - Sep 2025

- Researched and analyzed securities, referencing financial documents and DCF valuations.
- Aided in managing a \$170,000 portfolio of equities and ETFs, affiliated with Fidelity Investments.