ISAIAH SINCLAIR

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Kitchener, Ontario

EDUCATION

University of Guelph   Sept 2021 - Apr 2026
Bachelor of Computing, Computer Science (Co-op) **GPA: 4.0**   Guelph, Ontario
- Currently minoring 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:	AWS, Docker, Kubernetes, Terraform, Node.js, Linux, Unix, Git, CI/CD, Agile

WORK EXPERIENCE

Software Developer Intern   May 2025 - Present
SAP   Waterloo, Ontario

Data Engineer Intern   Jan 2025 - Apr 2025
CPP Investments   Toronto, Ontario
- Delivered 48 endpoint implementations for a DPaaS with Python, enabling dynamic service deployment.
- Converted application exceptions tables to Apache Iceberg, resulting in a 38% reduction in query times.
- Automated the deployment of AWS Glue jobs and APIs with Terraform, ensuring consistent functionality across all accounts.

Software Developer Intern   May 2024 - Dec 2024
EcoTank Canada   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.
- Integrated a vehicle tracking API using a webhook to store detailed information about the status of drivers.

Software Developer Intern   May 2023 - Dec 2023
NCR Voyix   Waterloo, Ontario
- Worked with my team lead to implement a fix for a race condition within automated testing, increasing CI green builds by 169%.
- Collaborated with co-workers in a hackathon to invent a patent-pending product.

PROJECTS

WaterWize *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.

Quantify *Keras, TensorFlow, Python, Django, Vue.js, Machine Learning*
- Leveraged machine learning to forecast stock values, implementing an LSTM model with Keras.
- Used Django and Python to implement a back-end that uses the ML model to forecast stocks.

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   Jan 2023 - Present
GSIC
- Research and analyze securities, referencing financial documents and valuations.