

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

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

SKILLS

Languages: Java, C, Python, JavaScript, SQL, R, HTML, CSS, MATLAB
Frameworks/Libraries: Spring Boot, Django, React, Vue.js, Pandas
Additional Skills: Node.js, GCP, Docker, Kubernetes, AI, Maven, NoSQL, Linux, Git, Agile

WORK EXPERIENCE

Software Developer Intern

EcoTank Canada

May 2024 - Present

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 an email notification system for overdue service tickets, 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.

Teaching Assistant

University of Guelph

Sept 2022 - April 2024

Guelph, Ontario

- Conducted office hours and lab sections, helping students learn advanced C programming concepts such as pointers and dynamic memory allocation.
- Graded hundreds of assignments, labs and lab exams each semester.

Software Developer Intern

NCR Voyix

May 2023 - Dec 2023

Waterloo, Ontario

- Increased input field configuration support by 23%, implementing changes with React.
- Enhanced a REST API by adding a feature that allows for customer overrides using Kubernetes and NCR's API Toolkit.
- 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

Sinclair Molecule Viewer *C, Python, SQL, JavaScript, jQuery, HTML/CSS*

- Developed a full-stack application that manipulates molecule data stored in a database and visualizes molecules with vector graphics.
- Increased efficiency of back-end actions by implementing the data manipulation functionality as a C library.
- Used Python to make SQL queries to the molecule database.

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 using Chart.js.

EXTRACURRICULARS

Analyst

GSIC

Jan 2023 - Present

- Research and analyze securities, referencing financial documents and valuations.
- Succinctly present findings to the wider Guelph Student Investment Council.