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
- Achieving an overall course average of 92.4%.
- Minoring in Economics.

SKILLS

Programming Languages: Java, C, JavaScript, Python, SQL, HTML/CSS, R
Additional Skills: React, Kubernetes, Docker, Django, Postman, Git, JUnit, Jest, Jenkins

WORK EXPERIENCE

Full Stack Developer Intern May 2023 - Present
NCR Waterloo, Ontario
- Increased UI input field property support by 23%, by refactoring their React implementation.
- Conducted interviews for intern applicants and reviewed resumes.
- Developed a back end feature to conditionally return an updated field in specific API requests, using Java and NCR's API Toolkit.
- Standardized UI configurations, meeting with team leads and architects in India and Canada to agree on specific formats to reduce inconsistencies.

Teaching Assistant Sept 2022 - Dec 2022
University of Guelph Guelph, Ontario
- Aided students in their understanding of foundational programming concepts, helping them learn important C programming practices.
- Held weekly office hours for students who needed extra help, and answered over 190 course questions via email.

PROJECTS

FinTrack *JavaScript, React, Python, Django, HTML, Bootstrap 5*
https://github.com/Isss11/FinTrack
- Developed a full stack expense tracker application, using Django for the back end and React, JavaScript and Bootstrap 5 for the front end.
- Utilized a hash map implementation to aggregate expenses by category.

Classic 2D Board Games *Java, Swing, OOP*
https://github.com/Isss11/Classic-2D-Board-Games
- Programmed a GUI-driven object-oriented application to play classic board games with Java and Swing.
- Utilized inheritance and implemented an interface to reduce code duplication and make different classes conform to the same principles.

Sinclair Molecule Viewer *C, Python, SQL, JavaScript, jQuery, HTML/CSS*
https://github.com/Isss11/Sinclair-Molecule-Viewer
- Developed a full stack web 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.

Random Art Generator (Hack the Job 2022) *Python, Tkinter, Pillow, PyCairo*
https://github.com/Isss11/Random-Art-Generator
- Developed a GUI for an application that mathematically generates modern art, using Python and Tkinter.
- My team won the "Best User Interface" award for excellent design and usability.

EXTRACURRICULARS

Author Mar 2018 - Feb 2023
Waking the Red
- Awarded the Sports Media and Sports Broadcasting Scholarship by the University of Guelph, for writing sports journalism articles on Toronto FC's #1 fan website.