

ISAIAH SINCLAIR

(519) 505-3377

isincl01@uoguelph.ca

www.linkedin.com/in/isaiahsinclair

github.com/lsss11

TECHNICAL SKILLS

Languages: C, Python, Java

APIs: Tkinter, PyTube

Software/OSs: Windows, GitHub,
VS Code, Slack

Other Skills: Documentation, unit-
testing, university-level
mathematics

PERSONAL PROJECTS

Sinclair YouTube Downloader | Dec. 2021 – May 2022

- Used Python, Tkinter and PyTube to build a YouTube video downloader in VS Code.
- Programmed a Tkinter-based GUI that allows the user to easily choose varying resolutions and file download types.
- Applied OOP principles along with proper documentation and testing to create modular and updateable code.

Random Art Generator | Hack the Job 2022

- Used Python and Tkinter to develop a GUI for a program that mathematically generates modern art.
- Collaborated with 2 peers using GitHub version control within a 40-hour time constraint.
- **Won the “Best User Interface” award** for excellent design and usability.

EDUCATION

Bachelor of Computing, Computer Science | 2021 – Present
University of Guelph

- Minor in Business Economics.
- Currently at a **92.6% average**.

Key Academic Projects:

Linked List Tweet-er (2022) – created a spinoff of Twitter with C in which ‘tweets’ are created and manipulated using a linked list implementation.

Dynamic Words (2022) – developed a program in C that performed varying changes to a given string with dynamic memory allocation concepts.

EXTRACURRICULARS

Author, *Waking the Red* | Mar. 2018 – Present

Leader, *Fed-Prov* | Oct. – Dec. 2017, 2018, 2019

EXPERIENCE

Production Worker, *Westrock* | May 2022 – Aug. 2022

- Worked rotating shifts in a team to produce corrugated containers.