

Jensen Sung

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EDUCATION

University of Toronto

Honours Bachelor of Science in Computer Science

Mississauga, ON

Apr. 2027 (expected)

- Dean's List Scholar
- Relevant Coursework: Software Design, Software Tools and Systems, Computer Organization, Statistics I, Data Structures

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, HTML, CSS, RISC-V

Frameworks: Node.js, JUnit

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: JavaFX, NumPy, pygame, pandas

PROJECTS

Paint | *Java, JavaFX, Scrum, Git, IntelliJ, Ollama*

Oct. 2024 – Nov. 2024

- Developed a Microsoft Paint like application with Ollama LLM implementation
- Integrated Ollama LLM API to interpret user prompts and output them to the canvas and save files
- Implemented a fully functional user interface using MVC and JavaFX

Treemap Visualizer | *Python, PyCharm, Git, pygame*

Mar. 2024 – Apr. 2024

- Developed a tree-based visualizer able to visualize files and folders of any size utilizing a TreeMap
- Able to render 50K+ nodes in the visualizer
- Utilized the interactive UI of pygame to allow for navigation into and out of folders
- Allowed for real-time visual updates for when users adjust the sizes of the files and folders

Othello | *Python, IntelliJ, Git*

Sept. 2024 – Oct. 2024

- Developed a fully functional Othello (Reversi) game implemented in a console-based format
- Utilized OOP to design proper game structure
- Designed multiple different types of bot opponents for singleplayer mode

Sokoban | *Assembly*

Oct. 2024 – Nov. 2024

- Developed a fully functional console-based Sokoban game in RISC-V 32-bit assembly
- Utilizing only RISC-V ISA, the game is capable of handling infinitely many players
- Developed custom algorithms utilizing stack and heap to display a leaderboard

EXPERIENCE

Grocery Clerk

Nov. 2021 – Aug. 2022

Valu-Mart

North York, ON

- Collaborated in a group of 4+ employees to effectively manage inventory, ensuring to minimize any discrepancies
- Developed strong interpersonal and communication skills by assisting 20+ customers daily, resolving any issues
- Adapted quickly to new store policies and updates to item locations

Tech Crew President

Sep. 2022 – Jun. 2023

A.Y. Jackson

North York, ON

- Trained and advised a crew of 10+ members to manage light, sound, and stage systems
- Successfully operated 6+ full-scale events and assemblies without error from start to finish
- Cultivated effective leadership and collaboration skills by maintaining constant communication during events

Canadian Asian Student Society Executive

Sep. 2024 - Present

University of Toronto

Mississauga, ON

- Organized and documented executive meetings by creating structured agendas and summarizing key discussions
- Maintained an organized scheduling system to manage 15+ executive timetables, ensuring efficient task delegation