

Jiajun Zhang

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WORKING EXPERIENCES

- (2023 Fall - 2024 Winter) Undergraduate Teaching Assistant (MATH 133 Linear Algebra and Geometry), McGill University. This is a job for grading students' homework and also writing solutions, and answer students' questions.
- (2024 Winter - 2024 Summer) Undergraduate Teaching Assistant (MATH 223 Linear Algebra), McGill University. This is a job for grading students' homeworks and also writing solutions.
- (2023 Fall - 2024 Fall) Undergraduate Math Tutor, McGill University. This position is aimed at helping students with math difficulties and provide tutorials to them.

VOLUNTEERING EXPERIENCES

- (2023 Fall - Current) McGill Robotics Club, Drone Project, Software Team
- (2023 October) McGill Competitive Programming's Hackathon, ranked 14 out of 45 teams

PROJECTS

- **Civilization 250** : Object Oriented Programming in Java, involves classes, constructors, fields, inheritances. *GitHub Link Here* <https://github.com/JohanssonRein/Java-Project-1>
- **Caterpillar Game** : Linked Lists in Java, involves traversal and Object Oriented Programming. *GitHub Link Here* <https://github.com/JohanssonRein/Java-Project-2>
- **Decision Tree** : Tree Traversals in Java, involves large database, decision tree, machine learning. *GitHub Link Here* <https://github.com/JohanssonRein/Java-Project-3>
- **Survival Game** : Graphs, involves graph traversal like BFS and DFS, and algorithms like Dijkstra's algorithm *GitHub Link Here* <https://github.com/JohanssonRein/Java-Project-4>
- **Python GUI** : A basic python GUI used in ROS to interact with robots, inside Ubuntu virtual machine. *GitHub Link Here* <https://github.com/JohanssonRein/ROS-Robotics>
- **Latex Source Code** : This repo contains all my \LaTeX work (source code + pdf) during my university degree. *GitHub Link Here* <https://github.com/JohanssonRein/Latex-Source-Code>

SKILLS

- **Technical Skills** : Java, Python, C, OCaml, Bash / Microsoft Excel, Word, Powerpoint
- **Developer Skills** : Github, VS Code, IntelliJ, \LaTeX
- **Personal Hobbies** : Curling, Badminton, Drawing, Cooking
- **Language Skills** : Proficiency in English and Mandarin

EDUCATION

- McGill University 2022 - 2026, Honors Statistics and Computer Science, Undergraduate, B. Sc