ZIFAN SI

phone: 4166168568   email: franksiprofession@gmail.com

website: https://zifansi.github.io

PROJECTS

Get a Grip /// Dec. 2021

- Designed a **Python** program to control the movement of a robotic arm and its gripper to sort 6 autoclave locations.

Waste Disposal Prototype /// Feb. 2022

- Designed a **CAD** prototype which automates the depositing of waste containers.

EDUCATION

Bachelor of Engineering, Software Engineering

McMaster University, Hamilton ON Sep. 2021 – Apr. 2026

- Achieved a cumulative grade-point average of 3.9 on 4.0 scale
- Awarded the McMaster Entrance Scholarship

Relevant Courses:

- Software Development Skills
- Software Design I
- Data Structures & Algorithms
- Computer Architecture
- Digital Systems & Interfacing
- Principles of Programming

HIGHLIGHTS OF QUALIFICATIONS

- Enrolled in level 2 of the 4-year Software Engineering Co-op program
- Strengthened analytical and problem solving abilities to identify problems and implement corrective solutions using fundamental engineering techniques acquired through course and project work

SKILLS

Python (Proficient)

Java (Familiar)

Autodesk Inventor (Proficient)

MATLAB (Proficient)

Wed Development

Leadership & Teamwork Skill