

Linxi Fan

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EDUCATION

University of Waterloo

Bachelor of Computer Science (Honours)

Waterloo, CA

Sep. 2025 – 2030

– *Relevant Coursework:* Data Structures, Algorithms, Discrete Mathematics

Glenlawn Collegiate

High School

Winnipeg, CA

Sep. 2022 – Jun. 2025

PROJECTS

SheHacks Hacker Olympics - Task Management Web App

Hackathon Winner | HTML, CSS, JavaScript, Figma

January 2026

- Awarded **1st Place** for overall functionality, design quality, and user experience
- Designed and developed a responsive task management web application supporting task creation and completion tracking

Disciplined Farm – AI-assisted Productivity & Behavior Analysis Platform

Python, Javascript, HTML/CSS

2025

- Designed and implemented a productivity platform integrating task management, focus timers, and reward mechanisms
- Collected and analyzed user behavior data (task completion, focus duration, streaks) to identify productivity patterns
- Built data visualizations to evaluate incentive effectiveness and guide system iteration
- Leveraged LLM-assisted development to rapidly prototype features and refine system logic

Robotics – Autonomous Vehicles - Python

Contributed to system integration of an autonomous vehicle ensuring stability and precise motion control

Sep. 2024 – Jun. 2025

- Developed backend Python scripts supporting navigation logic and remote operation

EXPERIENCE

Sales Volunteer

Glenlawn Collegiate

Apr. 2024 – Jun. 2025

Winnipeg, CA

- Assisted 20+ customers per hour, strengthening communication and problem-solving under time constraints

Student Council Member

Glenlawn Collegiate

Sep. 2024 – Jun. 2025

Winnipeg, CA

- Coordinated meetings and represented student interests in administrative discussions

Flyer Distributor (Part-Time)

Flyer Advantage

Dec. 2023 – Aug. 2025

Winnipeg, CA

TECHNICAL SKILLS & AWARDS

Programming Languages: Python, Java, JavaScript, C, HTML, Racket, LaTeX

President's Scholarship of Distinction — University of Waterloo

AI for Product Management Certificate — Google Cloud & Pendo (2025)

Euclid Contest — Top 25%

CSMC & Fermat Contest — Top 25%, School Champion

MMC — District Winner

CLMC — Honourable Mention

Community Service Award - from Manitoba Mayor (2023)