Lucas Jin

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Personable high school junior with excellent interpersonal skills and an interest in technology and AI. Desire to learn and proficiency in programming demonstrated through outstanding academic record and a multitude of extracurricular activities.

EDUCATION

Merivale High School, ON

Expected graduation: 2025

GPA: 4.0

— Flourishing in the International Baccalaureate Program
— Managing Mock Trial Club activities as an executive.

EXPERIENCE

ConvoAI - JamHacks 8   *June/2024*

— Created an AI assistant for virtual interviews to recognize questions and generate personalized responses.
— Backend implemented with Python, Google's Speech Recognition API, OpenAI and Prompt Engineering.

StudySphere - uOttaHack 6   *March/2024*

— Created a studying website for Ottawa's biggest hackathon.
— Worked and taught teammates how to implement various backend functionalities with Python, SQLAlchemy and Flask: User authentication, uploading questions and answers, searching questions.

Zenith Workout App   *November/2023 - Present*

— Created an app to track workouts, display gym progress and provide up to date tutorials for exercises.
— Implemented using SwiftUI and XCode with attention to UI and UX.

Core Programmer - Sparkling H2O FRC Team 8729   *August/2023 - Present*

— Created time-based and command-based programs with Java and WPilib.
— Implemented a swerve drive train and April tag vision tracking with limelight.

Core Programmer - Merivale High School (Vex Robotics)   *October/2023 - December/2023*

— Used C++ to code the autonomous and tele-op period commands for a defensive robot for *Over-Under*.

EcoHacks Hackathon   *September/2022*

— Created a website to educate people on recycling for an online hackathon with over 600 participants.
— Gained basic experience with handling databases using MongoDB.

AWARDS

— First place in National Mock Trial Competition (*Champions Cup 2022 - Dominion Mock Trial*)
— School Champion (*Fryer Mathematical Competition 2022 - Waterloo*)
— 60/75 on CCC Junior - Distinction (*Canadian Computing Contest 2023 - Waterloo*)
— Best Canadian Team in International Mock Trial Competition (*Empire Fall Cup - Empire Mock Trial*)
— Honor Roll Group 4 (*Hypatia Mathematical Competition 2024 - Waterloo*)

SKILLS

— Teamwork
— Adaptability
— Problem solving skills
— Decision making skills

LANGUAGES

— Python (4 years)
— C++ (2 years)
— Java (1 year)
— Swift (<1 year)
— HTML (<1 year)
— CSS (<1 year)
— Javascript (<1 year)