

Objective

Hard-working Computer Science Honours student seeking a position as a Junior Software Developer where skills and experience can be further extended.

Projects

July 2023

[Discord Chess Bot](#)

- Created an interactive Discord bot that plays chess against users in a server
- Used Python, Discord.py, and a Chess library to allow the bot to understand and make legal moves
- Programmed the bot to calculate and make decisions using the minimax algorithm
- Encapsulated sensitive information such as the Discord bot token
- Added an intuitive chess board inside Discord to help users make moves more smoothly

June 2023

[AI Chatbot](#)

- Developed an intelligent chatbot in Python using TensorFlow and natural language processing techniques.
- Trained the chatbot model on a large list of patterns which each had their own tags and responses.
- Used HTML, CSS, and JavaScript to design a clean-looking website for users to communicate with the chatbot
- Deployed using Waitress and Flask to ensure high performance and stability

June 2023

[Math Quiz Website](#)

- Programmed a maths quiz website using HTML, CSS, and JavaScript which allows users to measure their knowledge, abilities, and skills.
- Wrote several functions which generated questions randomly and provided multiple choice answer options.
- Keep track of the user's score and display it at the end of the quiz.

Accomplishments

Mixed Martial Arts/Taekwondo (2013-Present)

- Attained Second Dan Black Belt
- Trained in leadership classes to learn how to instruct and advance students' techniques in patterns, self-defence, and kicking combinations

President of High School Chess Club (2021-2022)

- Guided and ensured quality of events such as chess tournaments, club meetings, and practice
- Controlled and communicated on an online forum for the club

Microsoft Azure AI Fundamentals (2021)

- Received a certificate for completing a Microsoft Azure AI course at the University of Calgary

Education

Carleton University | Computer Science B.C.S. Dean's Honours List | 05/2027

- Received President's Scholarship for Computer Science, Dean's Honours List at Carleton University (2022), Lester Bowles Pearson Scholarship for Computer Science, Dean's Honours List at Carleton University (2023)
- CGPA 11.67/12

Oakville Trafalgar High School - Oakville, ON (2022)

Skills

Java, JavaScript, HTML5, CSS, Python, React.js, Leadership Experience, Software Development, Website Design, Website Development, HTTPS, TensorFlow, Flask, Machine Learning, Natural Language Processing