Wing To (Jeff) Kwan
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Summary:
Recently graduated student that is detail-oriented, and passionate to expand the process of development. Jeff has experience with working in a team to create a project, where he has demonstrated proficient communication and listening skills. He is a problem solver and a strong communicator eager to prove his value and talent at an emerging company. Motivated to advance and expand his skill set through targeted mentorship and challenging projects.

Education & Achievements:
B.Sc., Spec. Hons. Computer Science   (Graduated Aug 2022)
        York University, Toronto ON   (Sept 2018 - Aug 2022)
Relevant coursework: Algorithms and Data Structures, Software Engineering, Artificial Intelligence, Machine learning, Data mining, Databases, Web Development

Projects:
ECHacks at Trent University (hackathon), Peterborough, ON: (Nov 2019 - Nov 2019)
- **Objective:** Create a website that analyzes market price, weather and customer behaviour data to aid producers determine their monthly food production.
- Used HTML, CSS and Javascript to create the frontend of the project.
- Collaborated as a team to identify customer's buying habits and exported to the website
- **Achieved:** Exceptional growth as a software developer and was able to strengthen development practices with the team.

8-puzzle solver: (Jan 2021 - Feb 2022)
- **Objective:** Create an Artificial intelligence that is able to solve an 8-puzzle game in the most efficient way by each move set.
- Implement an 8-puzzle game using Python.
- Advanced knowledge in the fundamentals of Object Orienting programming with Python.
- Expand understanding of different search methods and continue to exercise mastery of the concepts.
- Types of methods used: Manhattan, Breadth-First Search, and Depth-first Search.
- **Achieved:** Significant improvements in developing the best move sets to solve the puzzle.

Website personal Project: (Jun 2022 - present)
- **Objective:** Create a website to illustrate different types of data structures on reactJS
  Created a website to show how different data structures work in ReactJS.
- Extend my knowledge of data structures onto a different type of programming language.
- Expand understanding of different types of data structures and continue to exercise the mastery of the concept.
- Designed the user dashboard using React and constructed reusable functional components and hooks

Employment Experience:
Supervisor/Lifeguarding/Swim instructor   (2016 - present)
        Town of Richmond Hill
            - Experienced in explaining abstract topics to clients and coworkers
            - Experienced in working greatly under pressure
            - Took leadership role by utilizing knowledge of policies and procedures to educate new workers
C4 Student In Residence York University   (Jan 2022 - June 2022)
        York University
            - Collaborated with a group to help with research for AI determining a student's job by reviewing their resume.

Skills:
Programming Languages: Python, Java, Javascript, HTML, CSS, Prolog, Assembly, C#, C99, C98, SQL
Framework: Numpy, Pandas, sklearn, React.js, Node.js, expo, MySQL
Environment: Linux/Unix, Windows, MacOS, NodeJS
Techniques: OOP, Data Structures, Machine Learning, Data Mining