

Hoi Chun Kan

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Education

Ontario Tech University

Sept 2018 - Apr 2022

Bachelor of Engineering (Honors) Electrical Engineering (GPA 3.6)

Skills

Familiar: JavaScript, Web APIs, HTML, PHP, CSS, SQL, Java

Okay: React.JS, Node.JS, Express.JS, REST API, C#, Python

**** Willing to Learn** any other required skills ******

Side Projects

Portfolio Website (Visual Studio) — HTML, JavaScript, CSS

<https://k98915210.github.io/> (****Recommend****)

Like Count (Visual Studio) — JavaScript, HTML, CSS

• Physics Engine (Matter JS) • CountAPI

- Drops and Counts likes

Real-time Camera Filter (Visual Studio, OpenCV) — C#, Java, Python

• UI design • Face detection (AI model downloaded from Github) • Generate Video Input

- Camera filters in real-time video calls.

Travel Advisor (Visual Studio, React.js) — JavaScript, HTML

• Google Maps API • RapidAPI (Travel Advisor) • React hooks and refs

- Displays a list of restaurants, hotels and attractions based on Google Map location.

Pathfinding Visualizer (Visual Studio, React.js) — JavaScript, CSS

• Pathfinding Algorithms • Pathfinding Animation

- Searches from a start-point to a finish-point and returns the shortest path in a grid map.

Signup and Login system (Visual Studio, XAMPP, phpMyAdmin) — HTML, PHP, CSS, SQL

• Prepared SQL Queries • Session Management • Basic Validation

- Users can sign up and log in.