KEVIN LAU

University of Waterloo Computer Science and Business Student

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TECHNICAL SKILLS

Languages:	Java, HTML/CSS, Javascript, C/C++, Python, Scheme, Bash
Frameworks/Libraries	React.js, D3.js, Flask, Selenium, Bootstrap, Java.Awt / Java.Awt.Swing

PROJECTS

University of Waterloo Course Tracker - [Github Link](#) || [Website Link](#)   **Apr 2023**
- **Developed** a website that uses **Python (Selenium)** to **scrape UWFlow.Com** to help students choose courses
- **Utilized React.js** and **D3.js** to create a **dynamic** and **interactive** user interface that visualizes data
- **Employed Flask API** to connect the **Selenium back-end** to the user interface based on the user's inputs

nourishNow - [Github Link](#) || [Devpost Link](#) || [Website Link](#)   **Mar 2023**
- **Built** a program that uses a **LSTM AI Model** and **Python** to **process** and **predict** scarcity levels in the US
- **Called** the **GPT-3 API** to **produce** a **recipe** based on their area scarcity level, ingredients and preferences
- **Applied React.js** to create an **interactive map** and a seamless display that **updates** according to user data

TwitterCow - [Github Link](#)   **Jan 2023**
- **Designed** a website that uses **Python Snscrape** to **scrape Twitter** to locate the top tourist destinations
- **Built NLP algorithm** to calculate a popularity score and connected it to the front-end using **Flask API**
- **Implemented React.js** front-end to **display** the top 6 locations related to the user's **search parameters**

Connect 4 Online - [Github Link](#)   **Jun 2022**
- **Created** a **network protocol** for an **online multiplayer** version of Connect 4 using the **Java Socket library**
- **Designed** and **implemented** an **interactive user interface** using **Java.Awt** and **Java.Awt.Swing**
- **Implemented** the **MVC-Architecture** to ensure seamless user experience on **multiple screens/interfaces**

WORK EXPERIENCE

Rover Scouter - 6th Richmond Hill Scout Group   **Sep 2020 - Current**
- **Led** and **coordinated** group-wide **volunteer events** ranging from **community service** to **exploration**
- **Cooperated** with other Scouters to **develop** important skills such as **decision making** and **critical thinking**

Swim Instructor / Supervisor - WD Swim Markham   **Apr 2022 - Sep 2022**
- **Instructed** swimming lessons, focusing on proper stroke technique for **70+ children** from grades K-6
- **Coordinated** with instructors to create **individualized lesson plans** catered towards **each** student

Retail Business Executive - Imperiu   **Sep 2020 - Jun 2021**
- **Orchestrated** the company's end-to-end product logistics, **ensuring client satisfaction** throughout delivery
- **Promoted** the company through **social media initiatives** resulting in the **acquisition of 30 new clients**
- **Managed** payroll at the company with **precision and accuracy** to ensure **timely** payment for all employees

Instructional Assistant - York Catholic District School Board   **Sep 2018 - Mar 2020**
- **Utilized effective teaching strategies** to enhance native Mandarin proficiency of **30+ kindergarteners**
- **Adapted** content to ensure that instruction was **appropriately paced for young learners** in the classroom
- **Providing** regular **timely updates** with peers and superiors to ensure classes were **organized** and **consistent**

EDUCATION

University of Waterloo   **2022 - 2027 (Expected)**
Bachelor of Computer Science and Business Administration (Double Degree)
- **GPA: 3.89 / 4.0**
- **Relevant Coursework:** Functional (Scheme) and Imperative Programming (C), Data Structures & ADT, Dynamic Memory, Git, Linux, Bash Shell Scripting, Command Line Interface