

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, Flask, Bootstrap, Java.Awt / Java.Awt.Swing

PROJECTS

University of Waterloo Course Tracker - [Github Link](#) Feb 2023

- **Developed** a website that uses **Python** to **scrape UWFlow.Com** to help students choose courses
- **Utilized React.js** and **Flask API** to create a **dynamic** and **interactive** user interface that displays ratings
- **Applied** various **JavaScript** packages to include multiple **animations** such as *ScrollOut.js*

TwitterCow - [Github Link](#) Jan 2023

- **Developed** a website that uses *Snsrape* to **scrape Twitter posts** to display the most trending locations
- **Utilizes Flask API** and **NLP** to process data and **algorithms** to effectively calculate a "MooMeter" score
- **Created** software that **adjusts** the data pipeline to **adapt** to the users' preferences & inputs
- **Implemented React.js** to **display** the **top 6 locations** related to their search queries

Connect 4 Online - [Github Link](#) Jun 2022

- **Constructed** a network that **users can connect to** and play an **online multiplayer** version of Connect 4
- **Designed** and **implemented** an **interactive user interface** using **Java.Awt** and **Java.Awt.Swing**
- **Implemented** the **MVC-Architecture** to **support multiple** screens and interfaces

EXPERIENCE

Rover Scouter - 6th Richmond Hill Scout Group Sep 2020 - Current

- **Led** and **coordinated** group-wide **volunteer events** ranging from **community service** to **exploration**
- **Awarded** the **Chief Scout's Award** by Scouts Canada for **exceptional performance** and **leadership**
- **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

- **Trained/supervised** over **70+** students ages ranging from **3-12**
- **Coordinated** with instructors to create **individualized** lesson plans to help **effectively manage** and meet each student's learning speed

Retail Business Executive - Imperiu Sep 2020 - Jun 2021

- **Handled the logistics** involving placing orders **ensuring** that the clients received their products.
- **Promoted** the company through **social media initiatives** while **speaking to clients** to spread awareness
- **Managed** the financial records and the payroll to other employees to **ensure accuracy** and **precision**

Instructional Assistant - York Catholic District School Board Sep 2018 - Mar 2020

- **Supervised** and **taught Mandarin** to a class of **30+** JK/SK students
- **Adapted** and **revised** content to be learnt at a **manageable scale** within a **dynamic environment**
- **Communicated** with peers and superiors to **ensure** classes were **organized** and **consistent**

EDUCATION

Computer Science and Business Administration (Double Degree) - University of Waterloo Expected 2027

- GPA: 3.94 / 4.0
- Relevant Coursework: Functional (Scheme) and Imperative Programming (C), Data Structures & ADT, Dynamic Memory, Git, Linux, Bash Shell Scripting, Command Line Interface

Ontario Secondary School Diploma - St. Augustine Catholic High School 2018 - 2022

- Awards: Honor Roll (2018-2022), Economics Award (2021-2022), Music Award (2020-2022)
- Clubs: Investing Club, Business Club, Computer Science Club, Swim Team, OSAID, Reach To The Top