

OWEN WANG

✉ owenwang0099@gmail.com | 👤 wang-owen.github.io
🌐 github.com/wang-owen | in linkedin.com/in/o-wang

EDUCATION

Carleton University

Bachelor of Computer Science Honours (Co-op), Minor in Mathematics

Ottawa, ON

Expected May 2028

- **Stream:** Software Engineering

PROJECTS

The Wildfire Network | Python, Django, HTML, Sass, CSS, Bootstrap, WeatherAPI, Git

- Developed a full-stack web app provides latest news and data on Canadian wildfires with a custom made wildfire prediction algorithm during **Ignition Hacks 2023**
- Led a **team of 3** throughout the event, designating individual roles while ensuring project coordination and effective communication amongst the team
- Implemented a wildfire prediction algorithm to measure risk of wildfire in a given area using **WeatherAPI**

Stuckdoku | Python, Django, HTML, Sass, CSS, Git

- Developed a full-stack web app that simulates a sudoku game with a solver during **Hack the 6ix 2023**
- Oversaw a **3 member virtual team**, coordinating roles to ensure project success while maintaining clear communication throughout the duration of the event
- Designed a back-end service that facilitates the transfer of user-inputted data from the front-end to the back-end sudoku solving algorithms and verification processes

JBKR Mobile | Java, Lanterna, YahooFinance API, Git

- Developed a Java TUI desktop application that simulates a stock trading application, allowing users to create and manage stock profiles with access to real-time data from the NYSE and NASDAQ
- Guided and mentored a **team of 3**, facilitating individual role assignments and enhanced team communication throughout the course of the project
- Obtained real-time stock market data by employing the use of **YahooFinance API**

LEADERSHIP

CU Esports Officer

Carleton University

Sept 2023 – Present

Ottawa, ON

- Fostered a vibrant community of **3200+ members** by organizing weekly online events at Carleton University, providing a platform for students to engage in competitive and social experiences
- Worked closely with admins and coworkers to ensure the success of events

Coding Club Homework Assistant

A.Y. Jackson S.S.

Sept 2022 – June 2023

Toronto, ON

- Guided a club of **300+ students** through identifying and **debugging** coding errors while conducting **code reviews**
- Contributed to increased club participation by fostering a welcoming learning environment, leading to our club being the school's largest by population

Math and Coding Tutor

Youth Dream Canada

Nov 2021 – Aug 2022

Toronto, ON

- Mentored **4 grade 1-9 students** in one-on-one lessons through bi-weekly lectures and assignments
- Encouraged open conversation and active participation to promote a deeper understanding of lesson topics
- Tailored lesson plans to fit the needs of individual students

SKILLS

Languages: Python, Java, SQL, HTML, CSS, Sass

Libraries and Frameworks: Django, Bootstrap, Lanterna

Development Tools: SQLite, Git