

Owen Wang

☎ (647) 678-1973 | ✉ owenwang0099@gmail.com

🌐 [linkedin.com/in/o-wang](https://www.linkedin.com/in/o-wang) | 🐙 github.com/wang-owen | 🔗 wang-owen.github.io

EDUCATION

Carleton University

Ottawa, ON

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

Sep. 2023 – Present

- **Stream:** Software Engineering
- **Relevant Coursework:** Intro to Computer Science, Discrete Structures, Intro to Systems Programming

SKILLS & INTERESTS

Languages: Python, Java, C++, HTML/CSS, JavaScript, SQL (SQLite)

Frameworks: Django

Developer Tools: Git, GitHub, VS Code, Brew, Chocolatey, pip

Interests: Guitar, One Piece, Video Games, Chess, Comics

PROJECTS

The Wildfire Network | *Python, Django, HTML, CSS, Bootstrap, WeatherAPI, Git* Ignition Hacks Aug 2023

- Developed a full-stack web app using Python, Django, HTML/CSS, Bootstrap, and WeatherAPI that predicts wildfires using weather data while providing up-to-date news and data regarding Canadian wildfires
- Leveraged WeatherAPI to implement wildfire prediction algorithm, and utilized feedparser to scrape latest news articles regarding wildfires in Canada
- Guided a team of three throughout the event, ensuring effective communication and project coordination

Stuckdoku | *Python, Django, HTML, CSS, Git* Hack the 6ix Aug 2023

- Developed a full-stack web using Django, HTML/CSS, and JavaScript that simulates a randomly generated sudoku game with the capability to automatically solve the puzzle if stuck
- Implemented efficient sudoku solving algorithm, allowing users to quickly generate puzzle solutions
- Maintained effective communication amongst a team of three hackers throughout the event

JBKR Mobile | *Java, Maven, Lanterna, YahooFinance API, Git* Dec 2022 – Jan 2023

- Developed a Java TUI desktop application using Java, Lanterna, and YahooFinance API that simulates a stock trading application, allowing users to create and manage stock profiles while tracking and displaying real-time stock data
- Employed YahooFinance API to obtain real-time stock data
- Acted as team captain throughout the project, directing and coordinating the efforts of a three-person team

Sorting Visualizer | *Python, Pygame* May 2022

- Created an application using Python and Pygame that visually demonstrates various sorting algorithms

EXPERIENCE

Math and Coding Tutor

Nov 2021 – Aug 2022

Youth Dream Canada

Toronto, ON

- Tutored grades 1-9 in Ontario math and computer science curriculum
- Synthesized curriculum content into manageable lessons and exercises
- Tailored lesson plans to better suit the unique learning styles and needs of individual students

EXTRACURRICULARS

Coding Club Homework Assistant

Sep 2022 – Jun 2023

A.Y. Jackson S.S.

Toronto, ON

- Guide students through programming problem-solving strategies and computer science curriculum

Robotics Club Treasurer

Sep 2022 – Jun 2023

A.Y. Jackson S.S.

Toronto, ON

- Handle club budget, cash income, inventory purchases, and represented club during school events