

Owen Wang

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EDUCATION

Carleton University

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

Ottawa, ON

Sep. 2023 – Present

- **Coursework:** Introduction to Computer Science, Discrete Structures, Introduction to Systems Programming

EXPERIENCE

Math and Coding Tutor

Nov 2021 – Aug 2022

Youth Dream Canada

Toronto, ON

- Synthesized math and computer science curriculum into manageable lessons and exercises
- Tailored teaching approaches to exceed the unique needs and learning styles of each student
- Taught grades 1-9 in one-on-one scheduled lessons

PROJECTS

The Wildfire Network | *Python, Django, HTML, CSS, Bootstrap, Git*

Ignition Hacks Aug 2023

- Developed a full-stack web application using with Django accessing the WeatherAPI with HTML/CSS and Bootstrap for front-end
- Used feedparser to scrape news data filtered by wildfires

Stuckdoku | *Python, Django, NumPy, HTML, CSS, Git*

Hack the 6ix Aug 2023

- Developed a full-stack web sudoku game with a puzzle solver
- Utilized Django in back-end to pass data to JavaScript front-end
- Used NumPy to build sudoku solver

JBKR Mobile | *Java, Maven, Lanterna, Git*

Dec 2022 – Jan 2023

- Developed a Java TUI desktop application with Lanterna and YahooFinance API
- Tracks real-time stock data to simulate a stock trading application

Checkers | *Java*

Jun 2022

- Java Terminal-based checkers game with one and two player options
- Single player option opposes player against bot

TECHNICAL SKILLS

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

Frameworks: Django

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

EXTRACURRICULARS

Coding Club Homework Assistant

Sep 2022 – Jun 2023

A.Y. Jackson S.S.

Toronto, ON

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

Robotics Club Treasurer

Sep 2022 – Jun 2023

A.Y. Jackson S.S.

Toronto, ON

- Handle club budget, cash income, inventory purchases
- Represented and led club during events involving cash (food fair, merch sales .etc)