Karen Huang

1B Computer Science and Finance

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SKILLS

Languages: Python, Java, HTML/CSS, JavaScript, SQL, C, Scheme

Technologies/Software: ReactJS, Bootstrap, Jupyter, Github, Git, Visual Studio Code, Eclipse, Figma

EDUCATION

Candidate for Bachelor of Computing and Financial Management, Honours, Co-op Program, University of Waterloo, Waterloo, Ontario   *Sept 2021 - Present*

- Relevant Courses: Designing Functional Programs, Elementary Algorithm Design and Data Abstraction, Financial Data Analytics

International Baccalaureate and Ontario Secondary School Diploma, White Oaks Secondary School, Oakville, Ontario   *Sept 2017 - June 2021*

- Relevant Courses: Grade 12 Computer Science (Java), Grade 11 Computer Science (Python)
- Relevant Assignment: Programmed a Tetris game using **Python** and Pygame

PROJECTS

SchoolDule

- Created a full stack web application for time management to help users generate a customized schedule.
- Designed the website UI mockup on **Figma** with user experience in mind.
- Built the front-end in **JavaScript**, **CSS**, **ReactJS**, and **Bootstrap.**
- Coordinated with back-end teammates in designing shared API calls and a SQL schema for persistent user data storage.

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- Worked on a financial analysis Discord bot that can access relevant historical data of any stock to create a variety of portfolios.
- Programmed Discord slash commands for user input and finance functions in **Python**.

To-Do Chrome Extension

- Used **JavaScript** and **HTML/CSS** to build a to-do Chrome extension that allows tasks to be added and checked off.

EXPERIENCE

Assistant Appraiser, Reliable Appraisal, Mississauga   *April 2021 - July 2021*

- Efficiently completed appraisal paperwork and navigated various Ontario MLS housing systems.
- Wrote Excel scripts to increase work proficiency.

Barista and Cashier, Square One Real Fruit Bubble Tea, Mississauga   *March 2021 - June 2021*

- Made bubble tea drinks and smoothies and operated the POS system.

President, Music Council, White Oaks Secondary School, Oakville   *May 2019 - June 2021*

- Planned and organized the logistics of musical performances and spearheaded new events for the music department.
- Led weekly meetings to communicate updates to the council of 20+ people and checked in on delegated tasks.

MISCELLANEOUS

HACKATHONS: Hack the North, Hacky Winterland **EVENTS:** Premier Institute Women in Science Seminar, Creative Destruction Lab Attendee **SCHOLARSHIPS:** President's Scholarship of Distinction Entrance Scholarship (Waterloo)