

Tracy Dong

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Technical Skills

Languages: Python, Javascript, C, R, Racket, HTML5/CSS3

Frameworks: React, Bootstrap, BeautifulSoup, Requests, Tensorflow, Nodejs, Express, Scrapy

Technologies: Heroku, Microsoft Office, Git, Windows, Powershell

Experience

Incrementum Co-Leader & Main Developer March 2021

React, Javascript, HTML/CSS, Heroku

- **Won the McGill Bolt “Be Present” Business and Tech Competition**, and competed against over **50** other people in an inter-university competition.
- Assembled a Figma **Proof of Concept** of Incrementum, with a focus on responsive design.
- Architected Incrementum, a mental health app using **React** over the course of a week with a team of **5** peers, which helps users keep track of their tasks and fight against the side effects of poor mental health.
- Built to-do list and calendar using **React** that keeps track of tasks completed over a week.

Home Appetit Main Developer May 2021

React, Tensorflow, Express, Nodejs, Bootstrap, Heroku

- Constructed an application to help people without a lot of cooking knowledge identify produce.
- Worked with **Tensorflow machine learning models** to identify fruits and vegetables from camera.
- Retrieved recipe data from a **JSON REST API** given the ingredients detected from camera input.

UW Bot Personal Project January 2021

Python, BeautifulSoup4, Discord.py, Requests

- Designed a Discord Bot that helped UWaterloo students keep track of important dates
- Leveraged **BeautifulSoup** to clean HTML data received from website requests.
- Utilized the **Requests** library to web scrape up-to-date information on the upcoming events.

Kumon Assistant Teacher Sept 2018 - June 2019

- Collaborated with a team of **12** teachers and markers to teach **150+** Kumon students high level Math and English, as well as communicating with parents about learning issues.

IRHS Breakfast Club Supervisor Sept 2016 - Aug 2020

- Supervised **30+** Breakfast Club members and communicated with staff to ensure **1000+** students could always receive healthy breakfast options every day.

Education & Awards

University of Waterloo Bachelor of Computer Science Sept 2020 - Apr 2025

GPA: 3.90 (92.5% CAV)

- Won the 2021 McGill Bolt Business and Tech Competition.
- Relevant Courses: Elementary Algorithm Design and Data Abstraction, Probability, Logic and Computation, Object Oriented Software Development, and Intro to Combinatorics.
- Received the President’s Scholarship of Distinction Entrance Scholarship