

Jason Eng

📍 Waterloo, Canada ✉ j5eng@uwaterloo.ca ☎ 306-361-8928 in jason-eng-97180a19a

🖱 <https://jaysplace.github.io>

SKILLS

Python | React | R | C++ | C | SQL | Javascript | Matlab | Bash

WORK EXPERIENCE

Mathnasium, *Mathematics Instructor*

01/2020 – present
Cambridge, Canada

- Mentored students of all ages for the K-12 math curriculum.
- Developed an **alternate learning method** to accommodate sessions over the web.
- Assisted in recruiting new students resulting in **30% more student** signups for the program.

Mathematics Society, *Vice President Internal Affairs*

08/2019 – 12/2019
Waterloo, Canada

- **Team lead** for society event planning at the University of Waterloo.
- Managed 13 clubs, with **over 500 members** during my term.
- **Doubled the available budget** for club and society events.
- **Merchandise designer** for all executive and society.

NewHacks, *Front-end Developer*

07/2018 – 12/2018
Saskatoon, Canada

- NewHacks, was an event (name) that ran in Saskatchewan to help promote the data and technology industry to high school seniors.
- Using **React**, **MongoDB**, I helped design a web app to store pieces of code for users to use after instructor sessions.
- Assisted the **Product Manager** during meetings with QA.

PROJECTS

Flappy Bird (Revived)

- Using **Swift Playgrounds** and **REPL**, I was able to implement object collision and map repetition.
- Created my own background and characters using **Photoshop CC**.

SnapNotes

- Using **Python's** built-in GUI **Tkinter**, I created a snipping tool for users to continuously "snip" highlights of their notes. Using **Google Mobile Vision**, each image is read into their **text-recognition API**.
- Compiles into a **Latex** file with optional **PDF** output.

MatchEats

- Built in **React**, MatchEats purpose is **to solve the indecisiveness of choosing a place to eat**.
- Create your own lobbies on the web **without** having to download an app.
- Using **Googles Geolocation API**, MatchEats selects restaurants to take into consideration **only within your location and preferences**.

EDUCATION

University of Waterloo, *4A, Computational Mathematics*

09/2017 – present
Waterloo, Canada