# Michael Kydd

michael.kydd@outlook.com | (289) 684-2245 | Hamilton, ON, Canada | GitHub

## Skills

| | |
|---|---|
| **Programming** | \|Python ● JavaScript ● C ● VBA |
| **Web & Database** | \|HTML ● CSS ● MySQL |
| **Frameworks** | \|ReactJS ● Docker |
| **Tech** | \|Git ● Linux ● VSCode ● Eclipse ● Vim ● MS Office |

## Education

**Bachelor of Science, Computer Science.**
Wilfrid Laurier University – Waterloo, ON.
   *Courses:* Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Computer Networks, Artificial Intelligence, Databases

## Projects

**Personal Portfolio -** Link

- Developed a personal portfolio website using **ReactJS**, showcasing skills and projects
- Implemented **responsive design** principles to ensure optimal viewing experience across various devices
- Integrated **third-party libraries** and tools, such as **React Router**, to facilitate smooth page transitions efficient routing within the website

**Spotify Playlist Generator**

- Created a website (**React**) that allowed user to create and save a playlist based on their favourite artists
- Utilized Spotify's web **API** to send and receive user data
- Used wireframing and other design processes to develop a visually pleasing application

**Word Guessing Game (Wordle Clone)**

- Recreated the popular game *Wordle* using **HTML**, **CSS** and **Javascript**
- Added additional features such as allowing users to select the length of the word and incorporating a new word button
- Used CSS to incorporate advanced animations to make the application more visually entertaining

**Final Grade Generator**

- Designed and developed a file reading application that allowed teachers to input grade files and calculate students final grades
- Practiced agile software development throughout the entirety of the project
- Led a team of 4: organized meetings, delegated tasks, helped teammates debug, etc., leading to a final grade of **100%**
- Implemented GUI to make application user friendly **(Python, Tkinter)**

## Experience

**Wilfrid Laurier University**  – Waterloo, ON.                                    Sep 2021 – Dec 2022
**Note Taker**
- Wrote detailed lecture notes for students that required assistance
- Communicated with instructor to ensure that notes were accurate
- Submitted notes on time to meet strict deadlines

**Shoppers Drugmart**  – Hamilton, ON.                                    May 2018 – Aug 2019
**Cashier**
- Completed cash, debit and credit transactions in a fast paced work environment
- Communicated effectively with co-workers in order to complete tasks