Michael Kydd

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Skills

Programming	**|Python ● JavaScript ● C ● VBA**
Web & Database	**|HTML ● CSS ● MySQL**
Frameworks	**|ReactJS ● Express ● Docker**
Tech	**|Git ● Linux ● NodeJS ● 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 - michaelkydd.netlify.app

- 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

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.
- Implemented a GUI to make application user friendly **(Python, Tkinter)**

Experience

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