

Michael Kydd

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Skills

Programming	Python • C • JavaScript • VBA
Web & Database	HTML • CSS • MySQL • SQL Server
Frameworks	ReactJS • Express.js • Docker
Tech	Git • Node.js • Linux • VSCode • Eclipse • Vim • MS Office

Education

Bachelor of Science, Computer Science.

2019 – 2023

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**
- Implemented 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 final grade of **100%**
- Implemented a 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