

Michael Kydd

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Experience

Outlier – Canada

Sept 2023 – Present

AI Prompt Engineer

- Designed, tested, and refined thousands of prompts to ensure high accuracy and user satisfaction, achieving an overall prompt success rate of **95%**
- Created comprehensive **documentation** and training materials for AI prompt generation processes, aiding in the onboarding and continuous education of new team members

Education

Bachelor of Science, Computer Science.

Graduation Date: June 2024

Wilfrid Laurier University – Waterloo, ON.

Courses: Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Computer Networks, Artificial Intelligence, Databases

Projects

Exercise Tracker - <https://github.com/mkydd/exercise-tracker>

Tech: Express, React, MongoDB, Node.js

Live Link: <https://mk-exercise-tracker.netlify.app/>

- Developed a Full Stack Web Application using the MERN stack (MongoDB, Express, React, Node.js) to enable over **100+** users to track workouts and manage personal fitness goals.
- Integrated **AUTH0** for secure user login, registration, and authentication, ensuring **99.9%** uptime and safeguarding sensitive data for all users.
- Created **10+** RESTful API endpoints using **Node.js** and **Express** for seamless client-server communication, handling thousands of requests efficiently.
- Optimized data storage with **MongoDB**, managing thousands of workout entries and user profiles with minimal latency.

Personal Portfolio - <https://github.com/mkydd/react-portfolio>

Tech: React

Live Link: 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

Final Grade Generator - <https://github.com/mkydd/CP317-Project>

Tech: Python

- Designed and developed a file reading application that allowed teachers to input grade files and calculate students' final grades (**Python**)
- 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%**

Skills

Programming
Web & Database
Frameworks
Tech

|Python • C • JavaScript • VBA
|HTML • CSS • MongoDB • MySQL • SQL Server
|ReactJS • Express.js • Next.js • Docker
|Git • Node.js • Linux • VSCode • Eclipse • Vim • MS Office