Alex Yeh

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WORK EXPERIENCE

FRONTEND DEVELOPER | Accuenergy   Toronto, ON | Aug 2021 – Jun 2022

- Designed and implemented an interactive web interface using Vue3 for managing power meters. Supported admin and view-only modes.
- Developed interactive real-time setting options for meters, facilitating easy adjustments.
- Processed data from a custom REST API to visualize data in table and graph formats, increasing efficiency in understanding power usage within the user's desired timeframe.
- Enabled real-time power usage monitoring for users.
- Maintained and updated web interfaces for previous and alternative power meters using Vue2 and React.

INSTRUCTOR | Kids Coding School   Toronto, ON | Jan 2023 – Jun 2024

- Lead online student through assigned class material.
- Python syntax, variables, loops, functions, and built-in data structures.

PROJECTS

QUIZ APP ⬈   Next.JS / TailwindCSS / Supabase

- A study app developed for my personal studying preference, supports multiple choice test mode to repeat practice.
- Enables users to create and customize their own sets of questions.
- Organizes problems based on subjects for easy navigation and focused study sessions.
- Integrates Auth.js for authentication, using Google OAuth.
- Utilizes Supabase for efficient storage and management of user-created content.

NETFLIX CLONE ⬈   React / Next.JS / TailwindCSS / MongoDB

- A Netflix clone app.
- Implemented user authentication features such as sign-up and sign-in, utilizing MongoDB for storage.
- Enabled video playback and previewing with a popup modal.

RECIPE BOOK ⬈   Angular / Firebase

- Developed an application allowing users to create, modify, and view recipes, and add ingredients to a shopping list for easy tracking.
- Built to explore the Angular platform, utilizing directives, dependency injection, forms, and routing.

SKILLS

Languages: Javascript/Typescript · HTML/CSS · Python · SQL
Frameworks/tools: Vue · React · Node.js · Next.JS · Tailwind CSS
Technology: Git · MongoDB · MySQL · Docker

EDUCATION

University of Toronto
Honours Bachelor of Science
Computer Science