

# Alex Yeh

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## WORK EXPERIENCE

### FULL STACK DEVELOPER | IMERSIVE

Taipei | Jul 2024 –

- Developed Web Scrapers to aggregate product information using BeautifulSoup and Selenium.
- Developed back-end Express services using PostgreSQL database, hosted on Google Cloud SQL.
- App development using Flutter for dual platform.

### FRONTEND DEVELOPER | ACCUENERGY

Toronto, ON | Aug 2021 – Jun 2022

- Designed and implemented an interactive web interface using Vue3 to manage 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 power usage in tables and graphs, improving user understanding of usage patterns over a selected timeframe.
- Implemented a real-time power usage monitoring interface using Vue3 and custom REST APIs.
- Maintained and updated web interfaces for previous and alternative power meters using Vue2 and React.

## 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 with sign-up and sign-in features, using MongoDB for data 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 · Flutter · Tailwind CSS  
**Databases & Tools:** Git · MongoDB · PostgreSQL · Docker · Google Cloud

## EDUCATION

### University of Toronto

HONOURS BACHELOR OF SCIENCE