

Kevin (Haoyu) Fang

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Portfolio: <https://kevinf.tech> | GitHub: <https://github.com/hfang821>

PROFESSIONAL SUMMARY

A full-stack web developer with passion in modern UI experiences and problem-solving. Combined Engineering and Business Management mindsets to pivot business prospects in complex situations.

LANGUAGES, FRAMEWORKS & TOOLS

JavaScript, TypeScript, React, HTML/CSS, MongoDB, MySQL, GraphQL, Nodejs, Expressjs, Git

EDUCATION

AWS Certified Solutions Architect Associate | In Progress

Full-Stack Web Development Certificate - University of Toronto; Toronto, ON | July 2022

AWS Certified Cloud Practitioner | May 2022

Master of Management - Schulich School of Business, York University; Toronto, ON | September 2020

Bachelor of Chemical Engineering - University of Western Ontario; London, ON | September 2019

WEB DEVELOPMENT PROJECTS

Most-To-Coast | GitHub: https://github.com/hfang821/Most_to_Coast_v2 | Link: <https://bit.ly/3RraSoE>

- A Travel Planner App that will reduce travel planning time. Users can plan out their trips at ease based on other users' plans in the Feed.
- Role: Responsible for backend design of travel planner and React.js integration of the GraphQL routes on front-end. Demonstrated solid understanding of full-stack API integration when working on database architecture using MongoDB.
- Tools Used: MongoDB, Express.js, React.js, Node.js, Apollo Server & Client, GraphQL, JWT-Authentication

Moat | GitHub: <https://github.com/utorteam11/MOAT> | Link: <https://bit.ly/3wL8gBt>

- A custom rental property management solution, which allows a property manager to create a platform for their tenants to communicate upward.
- Role: Responsible for configuring the database schema and model associations using MySQL, constructed the RESTFUL APIs in the controller files for crud operations.
- Tools Used: JavaScript, Node.js, Express.js, SQL, ORM (npm Sequelize), handlebars.js, sessions, Bcrypt

Latest Pitch | GitHub: <https://github.com/hfang821/Latest-Pitch> | Link: <https://bit.ly/3e0cgAa>

- A Soccer Scoreboard designed to help soccer/football fans to track the live scores/past scores and standing of teams of their favorite leagues.
- Role: Responsible for UI/UX design of a static HTML website using third-party JavaScript API to produce dynamic soccer scores, practiced DOM manipulation concepts with object classes and ids to produce user-interactions on the website.
- Tools Used: HTML, CSS, JavaScript, Web API, DOM Manipulations

PROFESSIONAL EXPERIENCE

2U Inc.; Toronto, ON

September 2022 - Current

Assistant Coding Instructor

- Provided web-development bootcamp students instructional guidance in JavaScript, jQuery, React, Node.js, HTML, CSS, REST API, Handlebars, MySQL, and MongoDB.
- Tutored production level software by providing structured code reviews and promoting understanding. Trained students to become self-reliant developers by detecting and resolving faulty code using appropriate online resources.

SK Electric Canada Inc.; Mississauga, ON

August 2021 - February 2022

Inventory Coordinator | November 2021 - February 2022

- Kept in close contact with the business customers with fast response to their concerning shortages and proposed possible solutions, thus ensuring the successful deliveries of the manufacturing projects.

Mechanical Engineering Technician | August 2021 - November 2021

- Assembled and maintained the production routine of Electrical Power Transformers by adhering to lean manufacturing standards of wiring & Cable connections, electrical parts schematics, and quality inspections of each project.