Michael Li

PortFolio: https://kayomichael.github.io

Skills

Front End: Javascript, HTML, CSS, Bootstrap   **Backend:** Python, Java, NodeJS
Frameworks: React, AngularJS, VueJS, Spring   **DataBase:** PostgreSQL, AuroraDB(AWS)
Deployment: Docker, AWS EC2, Git   **Testing:** Jest, Rspec, Travis CI, Cypress

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Experience

Weseek Inc. - *Software Engineer Intern*   May 2022 - Aug 2022

- Constructed Migration Files using **PostgreSQL** and **Ruby on Rails** to effectively retrieve and create new objects from ActiveRecord.
- Applied MVC principles to effectively develop robust backend systems and designed complex SQL scripts to optimize database operations on **PostgreSQL**
- Designed a stateful front end from scratch with **AngularJS** and **HTML/Bootstrap** with no refresh-rendering and REST API calls.

Everforth ltd. - *Backend Engineer*   Nov 2022 - Present

- Utilized AWS Lambda and AWS API Gateway Service to develop the back-end functionalities within a server-less mobile application.
- Developed multiple **Python** scripts centered around efficiency to optimize business processes, enhance data processing, and achieve fast execution on AWS Lambda.
- Set up AWS **S3** for efficient data storage and retrieval, while connecting to **Aurora DB** to enable real-time data processing and retrieval within serverless applications.

Kaima Data inc. - *Software Engineer Intern*   May 2023 - Aug 2023

- Contributed to the development of the company's payment portal, leveraging **Next.js** and **Bootstrap** to create a user-friendly and efficient payment experience for customers
- Proficiently leveraged asynchronous API calls to fetch and process data, dynamically presenting information on the frontend, enhancing user experiences with real-time updates and responsive web applications
- Implemented E2E testing with **Cypress** to simulate user interactions and validate user flows, while using **Jest** for unit testing to ensure the functionality and correctness of individual components and **JavaScript** code

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Education

Cornell CS 1110	6 week program - Algorithms, OOP, data structures, GUI - in python	2020
Harvard CS 50	11 week program - memory, data, systems, in C, Python, SQL	2021
University of Waterloo	B.S. - Honours Math/Computing	2022 - 2026