He (Mackenzie) Jiang

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| https://mjiang.dev/ | https://www.github.com/masakichi4

Professional Summary:
Web developer at Fortinet.
Experience in Java, Python, Node.js, React, Vue, databases through projects and internships.

Professional Experience:
Web Developer | Fortinet.Inc | Sunnyvale, CA | February 2021 - present
Full-Stack Software Development Intern | Spontit.Inc | Palo Alto, CA | February 2020 - August 2020
Demo: https://youtu.be/bg3bYH4clzQ
 - Built the startup's website from scratch in React with reusable components and dynamic components, boosting the number of daily active users by 3x.
 - Rendered the app with an Express server, decreased load time by 50% through code splitting.
 - Worked in pair to implement and debug API functions in Python to maneuver data in DynamoDB.
 - Built IFTTT integration for front & back-end, achieved ~1000 applet runs in a month of publishing.

Software Development Intern | Togg (Y Combinator) | Berkeley, CA | December 2018 - January 2019
 - Individually implemented a web app in Vue for tracking health device status for internal use.
 - Tracked 200 devices with Google PubSub and reflected real-time statuses on a dashboard; the company could catch & locate offline devices within less than an hour, which would take days to be noticed before.

Education:
M.S Software Engineering
San Jose State University | San Jose, CA | August 2018 - December 2020 (current)
B.A Cognitive Science (concentration in computer science), B.A Japanese Language and Literature
University of California, Berkeley | Berkeley, CA | August 2014 - May 2018

Projects:
Bus Location Tracker   Repo: https://github.com/masakichi4/bus-app
 - Individually designed and created a bus location tracking application in React with transportation data from 511.org, showing real time bus locations on Google Maps and speed statistics with Victory charts.
Url Shortener   Repo: https://github.com/masakichi4/short-url
 - Individually designed and created an app in Node.JS that converts an inputted long url to a shorter url.
Smart Sensor Dashboard
Repo: https://github.com/masakichi4/Smart-Sensor-Dashboard   Demo: https://youtu.be/kVOZg3WpK8w
 - Led a team of 4 to create a Vue dashboard to display sensor data stored in MongoDB.

Skills:
Programming: Java, Python, Node.js, Vue.js, React.js, Javascript, HTML, SQL, MySQL, MongoDB, DynamoDB, AWS ElasticBeanstalk, Docker, Google Cloud Platform.
Languages: Mandarin Chinese (native), English (fluent), Japanese (JLPT N1 certified).