Jon Wong

Full Stack Software Engineer

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EXPERIENCE

Software Engineer @ Clever
JAN 2021 - Present // *San Francisco, CA*

➤ Engineer on the Secure Sync Data Ingestion and Dashboards team.
➤ Tech lead for a project that focused on **MongoDB** query optimization for data sharing previews. Increased the speed of queries by 2.5x.
➤ Tech lead for a project that focused on giving school districts control over their data sync hold thresholds making it easier for districts to sync their data with Clever. Built the frontend in **React** and **Typescript** with a worker based microservices architecture for the backend with **Go**. Feature is currently used by over 500+ districts nationwide.

Software Engineer Intern @ Livestack
SEPT 2020 - OCT 2020 // *San Francisco, CA*

➤ Designed, pair programmed, and tested the full stack creation of a feature allowing event creators on Livestack, a crowdfund livestreaming event platform, to draft and send email to all of their event attendees directly from their user dashboard by using **React**, **Express.js**, and **SendGrid**.
➤ Engineered and tested a feature on the frontend allowing event creators to see future possible event dates in real time when creating a recurring event and customizing the event's recurrence by using **React** and **Moment.js**.
➤ Improved and updated the database seed file to include a larger set of seed data and to work with the most current database by using **PostgreSQL** and **Node.js**. Wrote unit tests to ensure database data seeded correctly by using **Jest**.

High School Mathematics Teacher @ Fremont Unified School District
FEB 2018 - JUN 2020 // *Fremont, CA*

➤ Remedial level math class at FUSD outperformed all other remedial math classes taught by other teachers by an average of 34% mastery as measured by the district high school mathematics benchmark test.

PROJECTS

Career Connection – a job search site built using **React, Express** and **PostgreSQL.**
🌐 Demo | ⓖ Github

Warbler – a Twitter clone built using **Python, Flask,** and **PostgreSQL**.
🌐 Demo | ⓖ Github

Microblog – a blog site built using **React, Redux, Express**, and **PostgreSQL**.
🌐 Demo | ⓖ Github

Productivity Timer – a productivity enhancement timer built using **React**.
🌐 Demo | ⓖ Github

SKILLS

Languages & Technologies:
JavaScript, Python, SQL, HTML, CSS, Node.js, AJAX/Axios

Libraries & Frameworks:
React, Redux, jQuery, Express.js, Flask, Jest, Bootstrap, unittest, SuperTest, Jasmine

Database Systems & Technologies:
PostgreSQL, SQLAlchemy

EDUCATION

Rithm School
JUL 2020 - OCT 2020
// *San Francisco, CA*
Full Stack Web Development

University of California, Davis
AUG 2013 - MAR 2015
// *Davis, CA*
B.A. in Political Science

Ohlone College
AUG 2010 - MAY 2013
// *Fremont, CA*
A.A. in Business with Honors

LANGUAGES

English (native)

Mandarin Chinese (fluent)