James Ng, Software Engineer

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Skills

• React • Redux • Express • PostgreSQL • Flask • Python • GraphQL • SQL • TypeScript • MongoDB • HTML • CSS
• JavaScript • Node • Git • Jest

Experience

SOFTWARE ENGINEER (OPEN SOURCE) @ NUMBERSAPI.COM – JUN 2020-PRESENT

• Audited the Express V2 to V4 update, pushed fixes for core functionality bugs introduced from the update.
• Refactored codebase to use modern JavaScript features, improving code readability.
• Created documentation for new contributing developers for local setup, preventing common confusion on start-up.
• Added functionality to retrieve JSON data by using "Accept" headers, to be in line with HTTP headers convention.

SOFTWARE ENGINEER @ LIVESTACK.VIDEO – MAR 2020 - APR 2020

• From zero lines of code, built a minimum viable product, full-stack site with video streaming functionality & payment system within the first sprint, with a team of 6 engineers under the scrutiny of a VC partner.
• Conducted research on the Stripe API for payments and payouts for integration into LiveStack's codebase. Presented a high level review of Stripe functionality to my team.
• Created multiple, reusable React components. Made efficient, data-sensitive SQL queries and connected the PostgreSQL database to the Express server, and the server to the React front end.

ACCOUNT REPRESENTATIVE @ STATE FARM – JUN 2018 - SEP 2019

• Owned the entire client lifecycle, through lead generation, purchase, and policy maintenance/review.
• Developed effective communication skills, uncovered further client needs, leading to 2 more policies per client.

DATASET OPERATIONS COORDINATOR @ GM CRUISE – NOV 2016 - FEB 2018

• Owned the entire vision labeling dataset pipeline. Made SQL queries to track performance and accuracy over time.
• Tested internal labeling tools, pushed for new features/bug fixes, green-lit new tools to be used in production.
• Scaled the data labeling team from 4 people to over 200 by developing best practices, opening communication channels, and creating documentation. Increased production from 1 hr of data/month to 1 hr of data/day.

Projects

LIVESTACK – REACT, EXPRESS, POSTGRESSQL, STRIPE API & MORE – HTTPS://LIVESTACK.VIDEO

LiveStack.video allows for content creators to earn money by streaming live content to users. LiveStack.video is being incubated by the VC Firm, Slow Ventures as an ongoing project.

WEATHERWEAR – REACT, REDUX, EXPRESS, POSTGRESQL, OPENWEATHER API – WEATHERWEAR.JAMESNG.DEV

WeatherWear checks on the weather, and makes a clothing recommendation based on the temperature, wind speed, precipitation, and other conditions. Past queries and recommendations from around the world are also visible.

JOBLY – REACT, EXPRESS, POSTGRESQL – JOBLY.JAMESNG.DEV

A project retrieves jobs and companies from a database, and lists them. Allows users to log in and apply. Includes authorization & authentication.

Education

Rithm School – Full Stack Software Engineering, Certificate, 2020

San Francisco State University – B.S, Business/Marketing, 2016