

San Francisco, CA
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Work Authorization: U.S. Citizen

VIVIAN ZHANG

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TECHNICAL SKILLS

Strong: JavaScript, HTML, CSS, jQuery, React, MobX, Node.js, Express, MySQL, MongoDB/ Mongoose, Git, Waffle.io
Experienced: Angular, Backbone, Redux, Sequelize, AWS EC2/ S3, Docker, Bluebird, Grunt, Gulp, Mocha/ Chai

RECENT APPLICATIONS

Vinisa | Software Engineer

Crowdsourcing-based language learning app

- Architected React components and managed state with MobX for performant rendering and maintainability
- Integrated speech recognition and translation features using Google Speech API and Translate API
- Containerized codebase with Docker and deployed application on AWS
- Integrated SSL into existing domain to encrypt information across entire application

TubeNotes | Software Engineer

YouTube based platform to create, annotate and share on-screen videos notes in real-time

- Refactored codebase by creating more modular and readable code to increase flexibility and maintainability
- Integrated new features using Angular, Node and Express to enable users to save video notes into bookmarks
- Developed Mocha/Chai unit tests for client-side routes for purposeful Test Driven Development

Friends | Software Engineer

Real-time Collaborative Event Planner

- Constructed RESTful API using Node and Express to serve and store data from MySQL database
- Utilized MySQL and Sequelize to model relational user, events and logistics persisted data
- Integrated transportation feature using Google Maps API to calculate and visualize distance among users

Weather | Software Engineer

Weather based dressing advisor

- Architected front end components with Vanilla JavaScript to dynamically render weather information
- Routed server to interface with openweathermap API using Node and Express

PROFESSIONAL EXPERIENCE

Software Engineer Intern | OpenIPO

March, 2017 - Present | San Francisco, CA

- Develop, configure, and scale web applications for clients using RESTful API, React, and other JS frameworks
- Work closely with business leaders and engineering teams through the complete systems development life cycle

Coding Tutor | Salvation Army

February, 2017 - Present | San Francisco, CA

- Tutor group and individual students in JavaScript concepts and guide them through coding challenges

EDUCATION

Hack Reactor

Advanced Software Engineering Immersive Program

2017 | San Francisco, CA

Baruch College

B.S. in Finance & Mathematics

2012 | New York, NY

Relevant Coursework

Algorithms, Computers & Programming I | Advanced Calculus I, II

ABOUT ME

*I am a full stack software engineer with a strong math background who enjoys solving problems and design algorithms
I am also a cyclist, a hiker, a snowboarder, and a professional ping pong player for 10+ years*