

# MARK CHEN

## Full-Stack Developer

Los Angeles  
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## Technical Skills

Javascript / Python / C Language  
React.js / Redux / React Native  
AngularJS / Backbone.js  
Node.js / Express / Sequelize  
PostgreSQL / MySQL / MongoDB  
RESTful API / WebRTC / Socket.io  
Bootstrap / Responsive  
HTML / HTML5 / CSS / CSS3  
SCSS / Sass  
jQuery  
AWS / Firebase / Heroku  
Gulp / Grunt / Webpack  
Mocha / Chai / Jasmine  
Git  
Photoshop / Illustrator / Sketch

## Education

### HACK REACTOR

Advanced Software Engineer  
Immersive (2017)

### UDACITY

Nanodegree (2017)  
Front-End Web Developer

### UNIVERSITY OF CALIFORNIA, IRVINE

Bachelor of Art (2011)  
Business and Economics

## Recent Projects

### SPINDR

Full-Stack Developer | [bit.ly/Spindr-Splash](https://bit.ly/Spindr-Splash)

*Mobile-base speed dating video chat experience*

- Collaborated with designer to ensure the technical feasibility of UI/UX designs and translated Sketch mockups into front-end code with React Native and Flexbox
- Integrated WebRTC to enable real-time video communications capabilities via APIs and Socket.io to enable bidirectional event-based communication between users
- Implemented and integrated security and authentication using Facebook login with Amazon Web Service Cognito
- Resolved data transfer among webRTC video chat, Node server, and Flask server

### TROVE

Full-Stack Developer | [bit.ly/Trove-App](https://bit.ly/Trove-App)

*Web-based marketplace to rent and lend high-end clothing*

- Build Node/Express server and integrated with PostgreSQL to store relational data
- Architected modular front-end views with React to enable agile development
- Collaborated with designer to design and implement UI/UX for seamless user experience across all platforms
- Implemented and integrated security and authentication using Firebase

### FRIDGE-IT

Full-Stack Developer | [bit.ly/fridge-it](https://bit.ly/fridge-it)

*Web-based virtual smart fridge*

- Implemented live chat feature with socket.io to enhance user-to-user communication
- Refactored current codebase to Redux to enhance scalability, reduced code maintenance, and reliable state management

## Work Experience

### SHINGLIAN ASSOCIATES

Technical Assistance (2015 - 2016)

- Maintained and updated company website and social media platforms
- Produced analytic reports on website traffic and targeted customers
- Maintained Sage ACT! CRM database with up-to-date real estate records
- Conducted marketing materials through Photoshop and Illustrator

### JL MOTORING INC

Marketing | Financial Analyst Associate (2013 - 2015)

- Maintained and updated company website and social media platforms
- Leveraged data from Google Analytics for marketing purposes
- Generated \$20,000 more revenue by analyzing price differentials from competitors
- Analyzed sales to optimize inventory control and predict sales trajectories

### BANK OF AMERICA

Client Associate (2012 - 2013)

- Browns award recipient for outstanding performance and achieved perfect score on bank auditing
- Managed customer transactions, processed sales referrals, and promoted bank services and product