MARKCHEN

Full-Stack Developer

- markchen.info
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Technical Skills

STRONG

Javascript
React.js / Redux / React Native
Node.js / Express / Sequelize / PostgreSQL
RESTful API
Bootstrap / Responsive
HTML5 / CSS3
jQuery
AWS / Firebase
Git

EXPERIENCED

Angular.js / Backbone.js
Python / C Language / Ruby on Rail
WebRTC / Socket.io
Heroku / Mocha / Chai
SCSS / Sass
Photoshop / Illustrator

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
Mobile-based speed dating video chat experience
- Implemented and integrated security and authentication using Facebook login with Amazon Web Services Cognito
- Designed and implemented UI/UX to provide an easy-to-use user experience
- Grouped users with similar interests into same session using machine learning
- Implemented live video chat feature using webRTC and socket.io between users
- Resolved data transfer among webRTC video chat, Node server, and Flask server

TROVE
Full-Stack Developer | trove.gq
Web-based marketplace to rent and lend high-end clothing
- Built Node/Express server and integrated with PostgreSQL to store relational data
- Implemented and integrated security and authentication using Firebase
- 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

FRIDGE-IT
Full-Stack Developer | 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
Executive 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 scoreon bank auditing
- Managed customer transactions, processed sales referrals, and promoted bank services and product