

# DAVID KIM

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## Skills

### FRONT END

JavaScript (ES5 and ES6)  
HTML5  
CSS3  
React  
React Native  
Redux  
Jquery

### BACK END

Node.js  
Express.js  
MongoDB  
MySQL  
RESTful API Development  
PostgreSQL

### DEVELOPER TOOLS

Git  
npm  
Webpack  
AWS  
Babel  
TDD  
Figma

### TESTING & DEVELOPMENT

Mocha  
Chai  
Artillery.io  
Loader.io  
Nginx

## Licenses

### Security Industry Essentials

· FINRA

### Bloomberg Market Concepts

· Bloomberg LP

### Series 57 (Security Trade License)

· FINRA

## Professional Experience

### Atomic

#### Front-end Developer Intern - Remote

Los Angeles, CA  
Apr. 2020 to Oct. 2020

- Developed a multi-page web no-code development platform utilizing React, HTML, and CSS, as well as numerous Javascript libraries.
- Converted jQuery code into Vanilla Javascript code and integrated it into the react platform.
- Made technology recommendations by staying up-to-date on new technological developments and practices and took the lead in implementing new tools.
- Collaborated with engineers to share ideas on improving applications and debugging codes.

### T3 Trading LLC.

#### Equity Trader

New York, NY  
Aug. 2018 to May 2019

- Traded stocks utilizing technical analysis as well as monitoring option activities.
- Evaluated equities and ETFs exposed to various assets such as commodities and bonds.
- Conducted daily pre-market and post-market meetings to review and plan strategies.
- Found long and short opportunities by forecasting the target price utilizing financial modeling.

## Activities

### Hack for LA · Lead Front-end Developer

Mar. 2020 to July 2020

- Contributed to an open-source project Lucky Parking as a Lead Front-end Developer.
- Led a group of software engineers to create a web map platform utilizing Mapbox GL JS.
- Collaborated with data scientists to build an interactive map platform that dynamically renders various processed information about parking spaces for the city of Los Angeles.
- Built back-end web architecture with Node.js, Express.js, and PostgreSQL.

## Projects

### IKEA product page

*Worked in a group of a small team and designed the full stack IKEA product page.*

- Created a pure CSS image carousel to display interactive product images.
- Implemented the React Portals to render child components to the forefront of the webpage.
- Used MongoDB to store a flexible, non-relational data set and implement faster query times.

### Home Away system design

*Seeded 30 million unique data points and optimized the database for heavy request.*

- Inserted indices to the primary id of the table to achieve query speeds less than **10ms**.
- Performed stress testing on server and database and achieved over **4,000 RPS** with average latency less than **200ms** at a **0% error rate**.
- Created AWS EC2 instances and used NGINX Load Balancer to horizontally scale the system.

### MVP Project: TourView AR

*Created an MVP mobile application in 7 days that lets users create or experience 360 AR spaces.*

- Created bare React Native mobile app for both iOS and Android devices using Xcode.
- Implemented picture taking and uploading functionality using the Image Picker library.
- Utilized ViroMedia that allows users to create and experience 360-degree AR spaces.
- Implemented search component for the user to search other user's AR spaces.

## Education

### Hack Reactor

Advanced Software Engineering Immersive

2020

### Northeastern University

Masters of Science in Finance

2017

### Angelo State University

Bachelor of Business Administration in Accounting

2014