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 Dev — Los Angeles, CA
Front-end Developer Intern - Remote — 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. — New York, NY
Equity Trader — 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
- 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 — 2020
Advanced Software Engineering Immersive

Northeastern University — 2017
Masters of Science in Finance

Angelo State University — 2014
Bachelor of Business Administration in Accounting