David Chen

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Portfolio
GitHub
LinkedIn

TECHNICAL SKILLS

Languages

JavaScript (ES5 & ES6) • Ruby • Python 2 & 3 • SQL

Front-End

React.js • Redux • jQuery • HTML5 • CSS/Sass

Back-End

PostgreSQL • SQLite3 • Rails

Tools

Git • Webpack 2 • AWS S3 • Babel • ESLint • RSpec • TDD • VBA • Google Analytics • Heroku • Google Map API • Bitbucket

EDUCATION

App Academy

Rigorous 1000-hour software development course with <3% acceptance rate
New York, NY
Graduated July 2017

Bentley University

BS in Economics-Finance
3.7 GPA
Waltham, MA
Graduated 2012

PROJECTS

SafeHavn *(Rails, PostgreSQL, React-Redux, AWS, HTML, CSS, Git)*   Live | GitHub
Single-page web app inspired by AirBnB developed with a focus on an interactive UX

- Leveraged Google Map API by featuring real-time interactive filtering and search based on home attributes and geolocation
- Implemented core CRUD functionalities with conditional authentication privileges
- Incorporated AWS S3 to improve scalability by storing images in the cloud

Aequita *(JavaScript, HTML, CSS, Google Map API, Git)*   Live | GitHub
Data-visualization infographic that plots actual home sales from Jan 2017 to May 2017

- Incorporated Google Map API to create geospatial data of Brooklyn neighborhoods and populate recent home sales
- Reduced redundant fetching of data using memoization by storing data in state
- Optimized data fetches by adding 'bounding' boxes for each neighborhood

EXPERIENCE

Bootcamp Prep Instructor   July 2017 – Present
App Academy   *New York, NY*

- Provide a strong programming foundation for students to gain acceptance into the most selective coding bootcamps
- Teach programming fundamentals up to intermediate level JavaScript
- Provide one-on-one code reviews to students

Equity Research Associate – Financial Institutions Group   Nov 2014 – Sept 2016
Macquarie Securities Group   *Denver, CO*

- Built dynamic and malleable VBA macros and automations, improving efficiencies in existing databases and financial models in order to support multiple senior analysts concurrently
- Spearheaded investment research report that garnered media attention about the effects of oil prices on the real estate economy in Texas (see link)
- Generated long/short investment ideas for 20+ financial stocks
- Mentored junior associates in investing, financial analysis, and industry matters

Junior Equity Research Associate – Financials   Nov 2013 – Nov 2014
UBS Securities/Cognizant Technology Solutions   *New York, NY*

- Generated long/short investment ideas for 30+ US/Canadian financial stocks by building and maintaining financial models for company and sector coverage
- Created and maintain data quality for various Bloomberg and Excel databases

Public Finance Analyst   Sept 2012 – Nov 2013
Hawkins Delafield & Wood LLP   *New York, NY*

- Prepared opinions and calculations of municipal bonds by gathering data, calculating the yield, analyzing exemptions, writing the opinion, and computing arbitrage liability under 60 day time constraints involving multiple bond issues