

DORIS CHENG

FULL STACK DEVELOPER



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dorischeng.me



linkedin.com/in/dorcheng



dorcheng

SKILLS

PROFICIENT: JavaScript, Node.js, TypeScript, Angular 6+, React/Redux, React Native, Photoshop, Illustrator, CSS/SCSS, HTML, git, Cypress, Jest, PostgreSQL, Express
KNOWLEDGEABLE: Java, Spring, Python, C++, OAuth, Web Sockets, Firebase, R

PROJECTS

Developer | SynQ | www.github.com/SequelSquad/SequelSquad

- Built an Electron desktop application to execute Sequelize scripts and auto-generate database files into specified directory
- Incorporated React-dnd to create an interactive GUI for users to visually build databases using model cards and lines
- Added ability for users to write SQL queries to visualize their data with D3.js; used the PostgreSQL client to connect to user's existing databases

Sole Developer | DorisBot | www.github.com/dorcheng/dorisbot

- Created a natural language processing chatbot with Wit.ai and the Messenger Platform
- Trained a response model using two years of message data and the levenshtein distance to personalize DorisBot's responses

Sole Developer | Potate | www.github.com/dorcheng/potate

- Designed a React Native app for iOS and Android that tracks a user's lazy tendencies
- Utilized Firebase as backend server for user authentication, data storage, and retrieval

EXPERIENCE

Full Stack Developer | BlackRock

June 2018 to Current

- Prototype and develop core client-facing applications that span entire client service life cycle (Onboarding, Client Orders, Reporting, Billing, and Servicing)
- Spearhead integration of state management (NgRx store, effects, selectors), modular CSS, end to end testing, and reusable components to multiple projects. This improved maintenance, development, and debugging time
- Work in agile environment; engage with stakeholders and UX designers to determine scope of upcoming sprints

Technology: TypeScript, Angular 6+, Node.js, HTML, CSS/SCSS, Cypress, Jest, git, Java, Spring

Software Engineer, Teaching Fellow | Fullstack Academy

Oct. 2017 to Feb. 2018

- Worked on migration from Angular to React, feature development, and bug fixes for the internal software platform
- Code paired, debugged and mentored technical concepts and best practices to 50+ students on a daily basis
- Taught algorithms, white boarding problems, back-end and front-end development in JavaScript

Technology: JavaScript, Node.js, PostgreSQL, React, HTML, CSS/SCSS, Jasmine, git

Revenue Management Analyst | United Airlines, Inc.

July 2016 to July 2017

- Managed all transcontinental markets from Newark and Dulles to the West Coast, accounting for over \$900 million in revenue
- Wrote SQL queries to optimize fare mix; analyzed historical booking trends and competitive landscape for upcoming peak travel periods
- Created a data metric service to improve the Revenue Department's daily forecasting process; featured day-over-day changes in KPI's using SQL and VBA; underwent vigorous testing by analyzing the impact of different normalized booking curves

Ad Monetization Intern | Zynga Inc.

June 2015 to Aug. 2015

- Monitored revenue and investigated any fluctuations that posed a threat to the overall health of company
- Captured lost revenue on RTB platforms by analyzing network demand and manipulating floor prices; improved Words With Friends' ad revenue \$22K per day
- Collaborated with product managers and game teams to conduct A/B testing and determine appropriate actions for increasing team revenue

VOLUNTEERING

Girls Who Code - Mentor

June 2019 to Current

Communicate regularly with a group of twenty one high school students to address their challenges and questions pertaining Python course material, college applications, and overall journey to tech

EDUCATION

University of Michigan

BS Dual Major Statistics, Communication Studies 2016