

# Richard Hong

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## SKILLS

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- JavaScript | TypeScript | C++ | Node | Express | React | MySQL | MongoDB | NoSQL | jQuery | Bootstrap | HTML5 | CSS3 | Jest | Unit Testing | Git | OOP | Frontend | Backend | Full-Stack

## PROJECTS

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### Migrate

12/2022

<https://github.com/richardjhong/migrate> | <http://migrate-abroad.herokuapp.com>

- Built an app to aggregate information from the Social Progress Initiative to help people looking to become ex-patriots or live abroad make informed decisions with data visualizations and social commentary
- Executed full stack development of creating compilation of country data, creating graphql queries, and enabling users to search a specific country and see dynamically created visual charts to analyze trends over years
- Designed, implemented, and deployed using MongoDB, Express, React, Node, GraphQL, Heroku, and Victory

### Journal Playlist

10/2022

- Succeeded in leveraging Emotion Analysis API, Famous Quotes API, and Spotify API to deploy an app that fetches a recommended playlist based on perceived emotion of text entry
- Used client-side storage via localStorage for persistent data entries and tracking data states between different fetch calls

## EXPERIENCE

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### Digilock

San Francisco, CA | 07/2019 - 12/2020

#### Software Engineer

- Maintained, refactored, and migrated existing codebase to ReactJS newer practices as well as coordinated refactoring previous code to newer business models and needs, using technologies of MongoDB, Express, and Node
- Led page architecture and porting of wireframes to mobile design, to fast track development for new project using latest technologies of React Native, Redux, and PostgreSQL
- Created reusable unit testing to ensure quality control and identify bugs using Jest and knex.js; created test documentation within Jira
- Collaborated with team (development, design, management) for agile sprint planning with use of Jira for creating tickets, estimated time delivery, and communication for cross-ticket features

## EDUCATION

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### The University of Texas at Austin

Full stack Web Development Certificate

12/2022

### The University of Texas at Austin

Bachelor of Arts in Philosophy

2008 - 2013