

# Richard Hong

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## SUMMARY

## TECHNICAL SKILLS

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- JavaScript, React.js, Express.js, MySQL, Node.js, MongoDB, NoSQL, jQuery, Bootstrap, HTML5, CSS3, Jest, Unit Testing, Git, Agile Development, C++

## PROJECTS

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**Migrate** | <https://github.com/richardjhong/migrate> | <https://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 over ten years, creating graphql queries, and enabling users to search a specific country and see dynamically created visual charts to analyze trends over years
- Operated with MERN stack, GraphQL for API queries, and Victory to create data visualization charts

## Journal Playlist

- 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

## WORK EXPERIENCE

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**Digilock | Software Engineer | San Francisco, CA**

July 2019 - December 2020

- 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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**Full Stack Web Development Certificate**, *The University of Texas at Austin*

December 2022

**Bachelor of Arts in Philosophy**, *The University of Texas at Austin*

May 2013