Michael **Ruan**

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MR

SKILLS

Ruby, Ruby on Rails, JavaScript, jQuery, React.js, Redux, SQL, Git, HTML5, Canvas, CSS3, Python

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PROJECTS

Korra | Full Stack   Live Site | Github

A question and answer website inspired by Quora. Built on Ruby on Rails and React with Redux
- Utilized ActiveRecord and Database Indexing to efficiently generate topics for user's questions
- Used React Quill for answer forms to allow rich text editing
- Built custom UI features such as modals and dropdown forms

Slime Air Hockey | JavaScript Game   Live Site | Github

Interactive browser air hockey game built using JavaScript and Canvas
- Composed of multiple computer AI
- Implemented a responsive UI menu using DOM

Tracks | Ruby Framework   Github

View and Controller Server Framework inspired by Ruby on Rails
- Used Rack middleware to permit access to the server
- Created routers that parse URL to start appropriate controllers

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EDUCATION

App Academy   (January 2018)
- Rigorous 1000 hour software development course with <3% acceptance rate
- Emphasis on algorithms, TDD, pair-programming, effective design

Stony Brook University   (2015 - 2017)

MS - Neuroscience
- Course Highlight: Introduction to Computational Neuroscience
- Thesis: Transcranial Direct Current Stimulation (tDCS) in Post-Stroke Working Memory Deficits
- GPA: 3.78

Boston University   (2014 - 2017)

BA - Neuroscience
- Course Highlight: Introduction to Brain Models, Introduction to Computer Science I
- GPA: 3.79

EXPERIENCE

Study Coordinator

Stony Brook University Hospital (Neurology/Psychology Department)   2015 - 2017
- Conducted and assisted in creating digital neuropsychological tests for potential solutions to memory problems