

# Michael Ruan

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The logo consists of the letters 'MR' in a white, serif font, centered within a white square. This square is set against a dark maroon background that is part of a larger rectangular block on the right side of the page.

## SKILLS

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

## 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 to play against
- Implemented a responsive UI menu using vanilla JavaScript DOM

### Tracks | Ruby Framework

[Github](#)

*View and Controller Server Framework inspired by Ruby on Rails*

- Used Rack middleware to manage access to the server
- Created routers that parse URL to start appropriate controllers

## 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 (2010 - 2014)

*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