

Michael Ruan

Software Developer

 michaelruan1@gmail.com  [Github](#)  [Linkedin](#)  [website\(dummy\)](#)  347.701.7472  Brooklyn, NY 11204

Projects

Korra | Full Stack (2018)

[Live](#) [Github](#)

A question and answer website inspired by Quora. Built on Ruby on Rails and React with Redux

- ❖ Utilizes ActiveRecord and Database Indexing to efficiently generates new topics
- ❖ Keeps code DRY by using React component modularity
- ❖ Handles update of React components through AJAX request

Slime Air Hockey | JavaScript Game (2018)

[Link](#) [Github](#)

Interactive browser air hockey game built using JavaScript and Canvas

- ❖ Compose of multiple computer AI to play against
- ❖ Demonstrate usage of Object Oriented Design

Tracks | Ruby Framework (2018)

[Github](#)

View and Controller Server Framework inspired by Ruby on Rails

- ❖ Permit access to the server
- ❖ Grant maneuverability between webpages

Skills

Ruby Rails RSpec JavaScript jQuery React Redux SQL Git
HTML5 Canvas CSS3 Python2.7

Education

App Academy New York, NY

2018

- Rigorous 1000 hour software development course with <3% acceptance rate
- Emphasis on algorithms, TDD, pair-programming, effective design

Stony Brook University [M.S] in Neuroscience

2015-2017

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

Boston University [B.A] in Neuroscience

2010-2014

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

Experience

Stony Brook University Hospital

2015-2017

Study Coordinator at Psychology/Neurology Department

- Conducted and assisted in creating digital neuropsychological tests for potential solutions to memory problems