

Jacky (Jiaxing) Feng

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PROFESSIONAL EXPERIENCE

MATHNASIUM OF BAY RIDGE | LEAD INSTRUCTOR

Sep 2018 – Present | Brooklyn, NY

- Instructs students ranging from middle school to college to improve understanding of mathematics
- Identifies areas of improvement through assessments to create learning plans and strategies for students
- Collaborates with families to implement continuity of effective study habits at home and at school

YAYA TEA | BARISTA

Oct 2016 – Jun 2018 | Brooklyn, NY

- Prepared customized drink orders in accordance to café standards
- Delivered attentive customer service to increase brand loyalty

BALLY VARIETY INC. | SALES ASSOCIATE

Jun 2010 – Aug 2012 | Brooklyn, NY

- Assisted customers with inquiries and product recommendations
- Managed daily store operations, inventory, and wholesale purchases

PROJECTS

NBA SHOWDOWN | GITHUB | DEMO | LINK

An NBA reference and simulation application. View statistics and simulate a game between two teams from any era of the NBA.

- Utilized React, Redux and Semantic UI to create a dynamic user interface for displaying player, team and game data
- Created an algorithm using the normal probability model to accurately simulate the results of a match up
- Designed a new API by elaborating on a preexisting NBA API for the purposes of simulation and displaying data

WORD TETRIS | GITHUB | DEMO | PLAY GAME

A web game to test your typing skills. Type the word correctly before it falls to the bottom of the screen.

- Used JavaScript event listeners to track words, typing accuracy, and implement game logic
- Utilized Bootstrap library components to apply a clean and engaging design philosophy
- Stored data (using Ruby on Rails) by sorting and sending results of game and displaying it on a 'High-Score' page

MILITARY SIMULATOR | GITHUB | DEMO

A CLI turn-based military-themed strategy game involving defense and offense tactics amongst military units.

- Adopted Ruby to create and develop game logic involving status effects and damage calculations
- Used ActiveRecord associations to implement a 'Battle' system involving self-referential 'Character' class

ABOUT

Full stack web developer with experience in Ruby and JavaScript frameworks. With my background in mathematics and statistics, I apply my logical reasoning, problem solving and analytical skills in my work and I use them to create projects with passion and vigor. I enjoy working both individually and collaborating with peers to accomplish goals.

EDUCATION

FLATIRON SCHOOL

FULL STACK WEB DEVELOPMENT

Sep 2019 - Jan 2020 | Brooklyn, NY

Ruby and JavaScript Frameworks

KINGSBOROUGH COMMUNITY COLLEGE

COMPUTER SCIENCE

Jan 2014 - Jan 2016 | Brooklyn, NY

Completed 36 of 60 credits

BINGHAMTON UNIVERSITY

MATHEMATICS

Sep 2012 - Jan 2014 | Binghamton, NY

Completed 40 of 126 credits

SKILLS

PROGRAMMING

Ruby • JavaScript • C++ • HTML • CSS • SQL

TECHNOLOGY

Ruby on Rails • React • Redux • PostgreSQL • SQLite • Git/Github • JSON • JWT • Heroku