RICHARD CHEN

Software Developer

@ emailrchen@gmail.com ☎ 408.219.0197 ⚲ New York, NY 🔗 richard-chen-6651b4101 ⌨ HelloPancake

EDUCATION

App Academy

📅 2019   ⚲ New York, NY

- Rigorous 1000 hour web development course with <3% acceptance rate.
- Strong focus on Object Oriented Programming, algorithms, best practices, and good software design.

University of the Pacific

📅 2014   ⚲ Stockton, California

- Major : B.S. Chemistry-Biology
- Relevant Coursework: Calculus I, Calculus II

Shanghai University

📅 2013   ⚲ Shanghai, China

EXPERIENCE

Associate Engineer

App Academy

📅 2019   ⚲ New York, NY

- Lead a team of three technical aids helping students build projects and creating a curriculum and daily syllabus.
- Ensured a seamless working environment for 15+ students by fielding coding related questions covering topics involving Objected Oriented Programming, algorithms, and
- Work with students to lay out high level approaches to difficult projects and help execute those solutions.

Real Estate Broker

Nolita Group

📅 2015 - 2019   ⚲ New York, NY

- Conducted training sessions for new agents to improve sales and marketing strategies.
- Built up a portfolio of >100 residential and commercial spaces under my exclusive representation.
- Worked with landlords on development and renovation strategies increasing rent roll revenues >25% over a three year period.

Lab Researcher

University of the Pacific

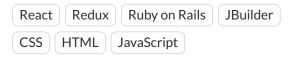📅 2013-2014   ⚲ Stockton, California

B.S. Chemistry-Biology

- Worked under Dr. Craig Vierra to develop protocols on how to artificially produce Spider Silk Proteins.
- Led the research presentation at the annual Pacific Undergraduate Research and Creativity Conference conference or PURCC.

PROJECTS

Groove

`livesite` `github`

- A full stack social blogging website designed to resemble the popular networking community - Tumblr
- Maintained user profiles and post assets in redux store and component state by leveraging RESTful API.
- A full stack web application that allows individual user creation, media post, and like functionality.
- Utilizes AWS S3 to accommodate efficient handling and storage of large media assets such as videos and images. This Allows for better scalability while keeping the full stack lightweight.
- Ensures privacy through front and back-end authentication measure and uses React Router to create protected routes which further secures content from unauthorized users.

`React` `Redux` `Ruby on Rails` `JBuilder` `CSS` `HTML` `JavaScript`

Bubble Popper

`livesite` `github`

- A responsive 2D bubble popping survival game
- Implemented in game physics to simulate realistic gravitational acceleration and bouncing.
- Object Oriented Programming to delegate specific collision and movement behavior to distinct objects.
- Incorporates a highscore system through Google Firebase that keeps track of high scores and persists through different game instantiations.

`HTML` `HTML Canvas` `JavaScript`

SKILLS

`React` `Redux` `Ruby on Rails` `JBuilder` `CSS` `HTML` `HTML Canvas` `JavaScript` `Python` `Ruby` `SQL`

CAREER INTERESTS

`Distributed Systems` `Bio-Informatics` `Internet of Things` `Big Data` `Cloud Computing` `Cyber Security` `Artificial Intelligence`