

# Jean Youn Lee

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**SKILLS** Ruby on Rails, React.js, JavaScript, Node.js, jQuery, Ruby, Redux, SQL, MongoDB, HTML5, CSS3, Git, Heroku

## PROJECTS

### Mocdoc - PostgreSQL, Ruby on Rails, Node.js, React-Redux

[Live Site](#) | [GitHub](#)

*ZocDoc clone built with Rails/Javascript where users can book doctor's appointments and search for doctors based on their insurance*

- Designed a search feature that pulls results from multiple tables consisting of a total of +100k rows of data using the ActiveRecord includes method, allowing users to filter results by provider's specialty and insurance coverage
- Implemented search auto-suggestion feature that filter specialties and insurance carriers/ plans as users type; passing data to backend to later pull specific doctor info, and actions are dispatched to update state
- Created an appointment booking CRUD using custom transactional database operations using ActiveRecord and PostgreSQL

### SwipeX - MongoDB, Express, React-Redux, Node.js

[Live Site](#) | [GitHub](#)

*An exchange platform built from MongoDB, Express, React/Redux, and Node.js where students can trade meal swipes to maximize meal plan values and to help reduce their financial burden*

- Successfully led a team of 3 developers to design and create an original true single page reactive web app in under a week
- Incorporated React-Redux container and Redux selector patterns to architect highly scalable front-end state management
- Designed and implemented an interactive search result page that allowed users to easily sort and filter search results

### JSdew Valley - Vanilla Javascript, HTML, CSS

[Live Site](#) | [GitHub](#)

*A fast-paced farming simulation javascript game where players grow and sell crops*

- Rendered game objects and animated player character movements using 2-dimensional game sprites, allowing users to move and interact with the character in gameworld using WASD keys
- Utilized Vanilla JavaScript DOM manipulation to create an interactive in-game store where buying and selling items were separated into separate in-game store tabs
- Adhered to best Object Oriented Programming and class inheritance practices to make the source code easy to maintain and add additional features in the future

## EXPERIENCE

### System Analyst - Regulatory Compliance

*ezCaretch USA Inc., 2019 - 2021*

- Resolved over 40 technical support tickets a month for 5 inpatient psychiatric hospitals, resulting in highly positive customer satisfaction feedback
- Identified, documented, and reported bugs and other issues of ezOntheCall telehealth software resulting in the successful implementation of a new telehealth program at 6 hospitals of Saudi Arabia's Ministry of National Guard – Health Affairs
- Developed Excel VBA scripts to automatically generate monthly maintenance and support invoices for client hospitals, reducing billing errors and saving time spent producing the invoices
- Provided end-user training for electronic health record system to over 40 hospital super-users resulting in a successful rollout of electronic health record system at Aurora Behavioral Sacramento hospital
- Cleaned and munged over 10,000 rows of hospital drug master data for a successful implementation of BD Pyxis MedStation drug dispensary system

### Project Associate - NYU Advanced Projects in Health Finance, Management, and Policy

*The Alliance for Positive Change, 2017 - 2018*

- Served on a 4-person team consisting of NYU Wagner graduate candidates to identify strategic recommendations for a community-based organization that assists New Yorkers living with HIV and other chronic illnesses

### Math and Sciences Instructor

*eWay Learning Center., 2012 - 2016*

- Developed math and science curriculum and educational materials for the department resulting in high math and science academic performances of approximately 40 high school students per year
- Maintained 100% passing rate for all Advanced Placement Calculus exams taken by students

## EDUCATION

**App Academy** - Immersive software development course with focus on full-stack web development (2021)

**New York University** - MPA - Health Policy and Management with specialization in Health Financial Management (Spring 2018)

**University of California Los Angeles** - BS - Physiological Science (Winter 2012)