

EUIBIN CHEON

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EXPERIENCE

NYC Department of Homeless Services (via Experis)

New York, NY

Software Developer

Dec 2016 - Present

- Develop cross-platform mobile application in JavaScript using React Native which allows volunteers to use their own devices to fill out surveys during annual and quarterly Homeless Outreach Population Estimate events
- Designed and created generalized survey application with abstract backend to serve multiple deployments with single codebase; collaborated with San Francisco department and deployed its new application in 3 days
- Develop integrated Rails backend application to provide APIs for both web and mobile applications
- Build GraphQL APIs for web application to keep track of surveys live
- Optimize SQL queries to maintain large database with smaller subqueries
- Follow Agile methodology with 1-2 week sprint cycles and participate in daily Scrum meeting to collaborate with off-site team in India
- Perform Apache JMeter load testing to simulate heavy load on server and identify performance issue with many concurrent users
- Practice test-driven development with RSpec, FactoryGirl, and Mocha

SKILLS

- | | | | | | | |
|--------------|----------------|-----------|--------|-----------------|-------|----------|
| ▪ JavaScript | ▪ React Native | ▪ GraphQL | ▪ Ruby | ▪ Ruby on Rails | ▪ TDD | ▪ jQuery |
| ▪ React.js | ▪ Redux | ▪ SQL | ▪ Git | ▪ HTML | ▪ CSS | |

PROJECTS

Eventbryte

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

Full-stack web application inspired by Eventbrite, utilizing Ruby on Rails, PostgreSQL, JavaScript, and React

- Integrates Google Maps API's place ID to create simpler database schema, and utilizes reverse geocoding to retrieve accurate locations of events
- Employs remote asset hosting with Cloudinary to reduce server load and improve scalability
- Incorporates custom client-side form validation to avoid unnecessary AJAX request

Tap That Tile

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

Browser game using JavaScript, jQuery, HTML, CSS, and Object-Oriented Design, inspired by Piano Tiles 2

- Generates game environment, animation and sound effects with HTML5's canvas and audio elements
- Stores high scores with localStorage to keep local data persistent throughout sessions

DB Mapper

[Github](#)

Object Relational Mapping framework inspired by Active Record

- Allows users to manipulate database using Ruby syntax instead of writing SQL statements explicitly
- Adopts metaprogramming to define new methods dynamically

EDUCATION

App Academy

New York, NY

Rigorous 1000-hour full-stack development course with <3% acceptance rate

Aug 2016 - Nov 2016

Columbia University, Graduate School of Arts and Sciences

New York, NY

Master of Arts in Mathematics of Finance, GPA: 3.63/4.0

May 2014

University of Minnesota-Twin Cities, College of Science and Engineering

Minneapolis, MN

Bachelor of Science in Mathematics, GPA: 3.59/4.0

May 2013