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 using React Native to allow volunteers to use their own devices to easily 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
- Build GraphQL APIs for web application to keep track of surveys live
- Optimize SQL queries to maintain large database and improve performance

Pain Management Medical Services   Brooklyn, NY

Medical Assistant   Jan 2016 - Aug 2016

- Interviewed approximately 10 patients daily to obtain medical histories and maintained accurate and detailed charts using electronic health record software
- Documented list of offices for referrals using Google Maps resulting in improved patient flow and work efficiency

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