

Jeffrey Cho

Phone: (201)655-4945 **Email:** chojeffrey@gmail.com [LinkedIn](#) [GitHub](#)

SKILLS: Ruby / Ruby on Rails / JavaScript / jQuery / React.js / Redux / SQL / Git / HTML5 / CSS3

PROJECTS:

OpenRes (Rails, React, Redux, PostgreSQL, CSS, Webpack, Heroku)

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

OpenTable-inspired app allowing users to search for restaurants, make reservations & write reviews

- Leveraged Active Record associations to fetch all information necessary for any page in a single SQL query, optimizing loading time and improving scalability.
- Utilized unique composite index restraints to prevent multiple reservations for any single restaurant by the same user.
- Designed modular components used throughout the app to increase scalability and maintain a clean codebase.
- Applied CRUD operations to produce the core features/functionality of reservations, reviews, and favorites.

Tetris by Jeffrey (Vanilla JavaScript, HTML5 Canvas)

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

A fully interactive game based on the classic game Tetris

- Cleared and re-established asynchronous intervals for tetromino drop speed as players progress through levels by responding to a score threshold, resulting in increased difficulty over time.
- Implemented custom logic, using OOP principles, to allow tetrominos to behave in accordance with player input and standard game rules.
- Ensured equal distribution of randomized tetrominos by shifting integers (denoting which tetromino to generate) off a queue. Once empty, the queue is reset to a shuffled set of the same integers.

EXPERIENCE:

Software Engineering Intern

App Academy

Aug 2019 – Present

- Observed and analyzed pair-programming practices of applicants to compare against best practice principles, producing higher predictability for success in a pair-programming intensive curriculum.
- Conducted technical screens of web developer applicants and assessed algorithmic aptitude in various languages - including JavaScript, Ruby, Python, and Java.

Purchasing & Sales Representative

Airtech International

Jan 2017 - Nov 2018

- Created and maintained productive relationships with over 70 customers, vendors, and manufacturers through weekly touchpoint calls to foster recurring business.
- Conducted research and drafted product comparison reports for inquiries on products not yet sold by Airtech at the time, resulting in an average of additional \$4000 net monthly revenue.
- Managed mark-ups between 10-25% on product pricing based on customer purchase history to provide fair and consistent offers using company-designed software.

Home Appliance Diagnostics Agent

Samsung Electronics

Oct 2014 - Jan 2017

- Organized team meetings to identify solutions for outstanding issues often not covered in training, resulting in increased efficiency when diagnosing customer issues.
- Provided repair instructions and parts lists to authorized local mechanics only when necessary, significantly lowering outsourced mechanic expenses.
- Regularly led training sessions assembling and disassembling test units to reinforce team product knowledge.

EDUCATION:

App Academy:

Apr 2019 - Jun 2019

Immersive software development course with focus on full stack web development

NYU Tandon School of Engineering:

Sep 2010 - May 2014

Chemical & Biomolecular Engineering