

# Jeffrey Cho

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

## 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

## PROJECTS

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

Site: <https://open-res.herokuapp.com> | Github: <https://github.com/JeffChoJC/openRes>

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

- Utilized the PgSearch gem to implement restaurant search functionality using keywords provided by the user, resulting in search capability that allows for multiple keywords separated by a single space.
- Pushed, extracted, and parsed keywords (cuisine, name, city, etc.) for comparison in the Rails backend. Restaurants with matching keyword(s) input are listed in alphabetical order by name.
- Designed modals for user sign-up and sign-in forms to conveniently display the forms on top of any viewed page for easy accessibility.
- Optimized loading times by using Active Record associations to fetch all information necessary for any page in a single SQL query (i.e. showing reviews on a restaurant's page), reducing time complexity.

### Tetris by Jeffrey (Vanilla JavaScript, HTML5 Canvas)

Site: [https://jeffchojc.github.io/javascript\\_project](https://jeffchojc.github.io/javascript_project) | Github: [https://github.com/JeffChoJC/javascript\\_project](https://github.com/JeffChoJC/javascript_project)

*A fully interactive game based on the classic game Tetris*

- 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.
- Implemented "stackability" of tetrominos using collision detection against a 2D array representative of individual squares on the board.
- Cleared and re-established intervals for tetromino drop speed as players progress through levels by responding to a score threshold, resulting in increased difficulty over time.

## EXPERIENCE

### 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.
- Managed mark-ups between 10-25% on product pricing based on customer purchase history to provide fair and consistent offers using company-designed software.
- 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 income.

### Home Appliance Diagnostics Agent

*Samsung Electronics*

*Oct 2014 - Jan 2017*

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