

# Peter Yoo, Software Engineer

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## Skills

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**Languages** - JavaScript, TypeScript, Python, HTML5, CSS3 | **Libraries and Frameworks** - ReactJS, NodeJS, ExpressJS, Django  
**Database** - PostgreSQL, MongoDB, Mongoose | **Other** - RESTful Routing JSON

## Software Development Projects

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**Code Journal** - React, TypeScript, Redux, ESBUILD, Axios, localForage, Monaco Editor, React MD Editor, Immer, Lerna

*Code Journal is a note taking app for code.*

- Created an app that utilizes ESBUILD to transpile and bundle npm packages from unpkg to display them in the Monaco Editor.
- Implemented Redux to work with global states in order to handle changes to cells and bundles.

**Task Tracker** - Python, JavaScript, Django, PostgreSQL, AWS, Materialize

*Task Tracker is an app that tracks user's tasks and allows users to add new users to a task which creates a group task.*

- Built a full CRUD web app utilizing Django/JavaScript with PostgreSQL as a database.
- Implemented a M:M relationship between users and tasks that allows users to add other users to their created tasks.

**Finch Collector** - Python, JavaScript, Django, PostgreSQL, AWS, Materialize

*Finch Collector is an app that allows users to add finches, each added finch has a feeding time and seeds that they like.*

- Built a full CRUD web app utilizing Django/JavaScript with PostgreSQL as a database.
- Implemented user authorization through Django.

**Greetr Framework/Library** - JavaScript, jQuery

*Greetr is a framework/library with its own syntax that allows users to generate a greeting in either English or Spanish.*

- Built a framework when given a first name, last name, and optional language, it generates formal and informal greetings.
- Implemented key JavaScript concepts such as IIFE's, closures, prototype chaining, polyfill, method chaining.

**Skate React** - JavaScript, MongoDB, ExpressJS, ReactJS, NodeJS, Google Firebase

*Skate React is an ecommerce website for users to purchase custom made or pre-built skateboards.*

- Headed the frontend direction and design as the lead frontend developer.
- Fixed merge conflicts by addressing them with the team.

**Tteok Bowl** - JavaScript, jQuery, NodeJS, Mongoose, MongoDB, ExpressJS, bcrypt

*Tteok Bowl is a food ordering app that allows users to create custom or pre-made orders of their favorite spicy Korean rice-cake snack.*

- Built a full CRUD web app following RESTful routing in a MVC architecture.
- Tested all backend routes during development using Postman.

**Random Lit** - JavaScript, jQuery, Ajax, Google Books API

*Random Lit is a simple web app that generates a random genre of books from Google's Book API.*

- Generates a different genre of Books on page load and every time you click the generate button.
- Built a mobile first approach design lending towards a responsive clean layout using CSS grid.

## Professional Experience

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**Server | Octopus Japanese Restaurant | Encino, CA**

*Jan 2019 - Mar 2020*

**Storyboard Artist | Marvel Animation | Burbank, CA**

*Feb 2017 - Dec 2018*

- Created rough and final storyboards from a handed script, hand-drawn on a drawing tablet.
- Solved issues related to camera positioning, character acting, timing, and storytelling.
- When art assets weren't available, had to improvise by designing quick background sets and assets.

**Estimator, Laborer, Web designer | CHY Painting | North Hills, CA**

*Mar 2014 - Dec 2016*

- Created and managed the company website through wordpress theme builder.

- Handled all the estimates/invoices and emails with clients. Created and managed the file structure and templates for the estimates/invoices, went on job sites and did manual labor while estimating costs, talking to clients.

**Co-Founder, Chief Creative Officer | Rivono | Westwood, CA**

*Dec 2011 - Jan 2014*

- Received seed funding from [Start Engine](#).
- Conceptualized and designed all of the art assets for the mobile app.

## **Education**

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**Software Engineering Immersive | General Assembly | Remote**

*Apr 2022 - July 2022*

Intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies.

Other Education: **Concept Design Academy, Gnomon School of Visual Effects, ArtCenter College of Design**