

Peter Yoo, Software Engineer

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Skills

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

Software Development Projects

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.

Greeter Framework/Library - JavaScript, jQuery
Greeter 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

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

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**