

Jerome Molasky

Software Engineer

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I am a software engineer whose humanities background and overseas work experience have developed both my analytical capabilities and my ability to articulate complex ideas clearly and simply. I am passionate about learning new technologies while designing user-friendly, efficient applications that help people live rich, productive lives.

TECHNICAL SKILLS

Frontend: JavaScript, React.js, HTML5, CSS3, React-Bootstrap, jQuery, Bootstrap, Expo/React Native

Backend: Node.js, Express.js, MongoDB, Mongoose, Django, Python, PostgreSQL, EJS

Additional Skills: Algorithms, Git, GitHub, VS Code, RESTful APIs, JSON, AJAX, Heroku, Netlify, Postman

PROJECTS

PerfectRecipes

[Website](#) | [GitHub\(front-end\)](#) | [GitHub\(back-end\)](#)

React.js | React-Bootstrap | Node.js | Express.js | MongoDB | Google Firebase | SASS | Spoonacular API

- Designed and built a richly interactive, full-stack, single-page MERN application with full CRUD capabilities that allows users to save, customize, and search for recipes
- Integrated a Node.js library on the backend that parses recipe URLs in order to add form autofill functionality
- Implemented authentication and authorization using Google Firebase and private routes

Bridge App

[Website](#) | [GitHub](#)

React.js | Node.js | Express.js | MongoDB | Mongoose | Google Firebase | Axios | Amazon S3

- Collaborated on a team of 4 software engineers and 3 UX designers to build a full-stack, single-page MERN application with full CRUD capabilities for users to learn and share information about climate change
- Helped design database ERD and tested calls to back-end API using Postman
- Implemented a routing system overhaul for the app's Forum page using React Router v6
- Researched and implemented solutions to both front-end and back-end issues such as redirects, conditional rendering, and populating database documents across multiple levels with Mongoose

Local Weather

[GitHub\(front-end\)](#) | [GitHub\(back-end\)](#)

React Native | Expo | Node.js | Express.js | OpenWeatherMap API

- Acquired a basic understanding of Expo/React native in a short period of time in order to build a mobile weather application styled after the iPhone's default weather app
- Utilized native geolocation functionality to pinpoint mobile device location and send data to a simple proxy server built to perform API calls and return location-specific real-time weather data
- Parsed date and temperature data into human-readable formats for user interface

EXPERIENCE

Software Engineering Immersive Fellow | General Assembly | Remote | September 2021–April 2022

- Created responsive web pages for modern browsers using HTML, CSS, and JavaScript
- Wrote secure full-stack applications and deployed them to cloud-based services like Heroku
- Built RESTful APIs and consumed web APIs from third party sites to build real-time dynamic interfaces
- Independently studied frameworks and platforms such as Bootstrap and React Native to supplement in-class learning and add functionality and polish to projects

Project Assistant | Jenner & Block LLP | Chicago | June 2016–October 2018

- Provided time-sensitive administrative support to attorneys and paralegals, prioritizing multiple requests and projects in order to meet deadlines for depositions, witness preparation sessions, and trials
- Handled large volumes of legal documents, preparing responses to discovery requests and organizing and indexing both hard-copy and digital files

Assistant Language Teacher | Interac | Tokyo | May 2015–February 2016

- Taught English at a junior high school in Tokyo

EDUCATION

Software Engineering Immersive | General Assembly | Remote | September 2021–April 2022

[edX Verified Certificate for CS50's Introduction to Computer Science](#) | [HarvardX](#) | October 2021

B.A., Japanese Language and Literature | [Washington University in St. Louis](#) | 2010–2014