

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 and building user-friendly, efficient applications.

TECHNICAL SKILLS

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

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

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

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

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

Web Developer | Marketing Resources, Inc. | Chicago

September 2022–Present

- Create dynamic promotional websites for various brands using PHP, HTML/CSS, JavaScript, and SQL
- Write and adapt backend scripts to query databases, send email blasts, and run sweepstakes drawings
- Meet target deadlines while working on multiple projects simultaneously, including rapid turnarounds on QA
- Collaborate with teammates on non-version-controlled projects, necessitating constant, detailed communication to avoid accidentally overwriting code
- Manage internal data visualization tools to monitor site traffic, sweepstakes entries, and user demographics
- Troubleshoot site/database issues, prioritizing and solving time-sensitive requests in a timely manner
- Researched and implemented SASS/SCSS and assisted teammates with incorporating it into their own projects, both simplifying and speeding up development
- Researched and implemented email verification for sites to combat fraudulent activity

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

Family Obligations

2019–2020

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

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

Editing Certificate Course | University of Chicago Graham School | Chicago

February 2019–June 2019

B.A., Japanese Language and Literature | Washington University in St. Louis

2010–2014