

Hein Jeong

Software Engineer

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Experience

Hero's Journey Interactive • Software Engineer

Feb 2021 - Present • Santa Monica, CA

- ▷ Implemented core functionalities by creating new components and services in Angular, endpoints and controllers in Express, and procedures and tables in Postgres.
- ▷ Enlisted sessions, graceful error-handling, and responsive design for a coherent, intuitive UX.
- ▷ Deployed to the cloud via various AWS services and set up CI/CD.
- ▷ Secured HIPAA-compliance through end-to-end & at-rest encryption.
- ▷ Led bug bashes with team and beta users.

Projects

Voronoi Analyzer

voronoianalyzer.com

- ▷ Built at the request of an ophthalmological researcher, this web app generates the Voronoi diagram of a given set of coordinates and performs statistical analysis on the areas of the resulting polygons.
- ▷ React, Sass, D3.js

Ayurveda API

doc.ayurvedaapi.com

- ▷ REST API that provides the ayurvedic perspective on specific food items, so that end users can make informed dietary choices.
- ▷ Node.js (Express), MongoDB, Digital Ocean

Reddit Sentiment Analysis

github.com/hein-j/reddit-sentiment-analysis

- ▷ Script that analyzes the sentiment of a subreddit regarding a key word/phrase and returns bar plot representations thereof.
- ▷ Python3, NLTK, PRAW

Artist Portfolio

Ongoing: URL coming soon

- ▷ A portfolio website for an artist—with Blogger used as CMS so that the client can update content without the webmaster.
- ▷ React, Typescript, Sass, Blogger API

Skills

Javascript, Typescript, React, Angular, Webpack

CSS, Sass, HTML

Express, Node.js, Python

SQL (PostgreSQL), NoSQL (MongoDB), Redis

AWS, Digital Ocean

Jest, React Testing Library

Education

Wesleyan University

May 2016 • Middletown, CT

B.A. in Philosophy & German Studies
(High Honors & Phi Beta Kappa)

HarvardX: CS50x

Fall 2020 • Boston, MA

Introduction to Computer Science
(From data structures to web development)

Interests

Yoga, meditation, dance, hiking, graphic design