

# 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.
- ▷ Secured HIPAA-compliance through end-to-end & at-rest encryption.
- ▷ Led bug bashes with team and beta users.

## Projects

### Voronoi Analyzer

[voronoianalyzer.com](http://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](http://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](https://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, MongoDB, Redis

AWS, Digital Ocean

## 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