Justin Hsie

justinhsie1001@gmail.com
https://justinhsie.github.io
https://github.com/JustinHsie
http://www.linkedin.com/in/justinhsie

Projects

Eats Nearby: Full-stack CRUD app | React, Redux, PostgreSQL, Nodejs, Express
- Created an original app that saves your favorite places and retrieves them in order of proximity to your current location
- Implemented third-party API calls to Google Maps Autocomplete, Places, & Distance Matrix APIs
- Managed global state and async data fetching with Redux
- Created RESTful backend routes with Express with efficient SQL queries to a PostgreSQL database

Build Your Own World: 2D game world generating engine
- Created a recursion algorithm to randomly generate interconnected & explorable rooms and hallways
- Utilized object-oriented programming and design patterns to manage complexity

Skills
- Javascript, React, Redux, Nodejs, Express, HTML, CSS, Python
- PostgreSQL, MySQL, MongoDB
- Git, GitHub, Agile/Scrum, Excellent teamwork & communication skills
- Data Structures & Algorithms, Object-Oriented Design

Education

Self-Taught
- Udemy: Web Dev Bootcamp, React with Redux
- Berkeley CS 61B: Data Structures & Algorithms
- Harvard CS50: Intro to Computer Science

Columbia University, New York, NY   September 2018 - May 2020
Biostatistics, Master of Science, GPA: 3.37
Relevant courses: Probability & Statistical Inference, SQL & Relational Databases

University of Washington, Seattle, WA   September 2013 - June 2017
Biology, Bachelor of Science

Work Experience

Research Assistant, Columbia University Medical Center, New York, NY   January 2020 - May 2020
- Collaborated with principal investigator and performed longitudinal analysis on the effectiveness of HIV intervention on teens

Pharmacy Assistant, Safeway Pharmacy, Seattle, WA   September 2016 - December 2016
- Provided excellent customer service at register window
- Prepared medication in coordination with head pharmacist for over 500 patients in local community

Other Activities
- Music: Wrote, performed, & produced original songs and covers published on SoundCloud
- Soccer: Captain of high school team and competed in college intramurals