

Justin Hsie

justinhsie1001@gmail.com

Portfolio Site: <https://justinhsie.github.io>

GitHub: <https://github.com/JustinHsie>

LinkedIn: <http://www.linkedin.com/in/justinhsie>

Projects

Eats Nearby: Original full-stack CRUD app | React, Redux, NodeJS, Express, PostgreSQL

- Created an 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

The Mind: Original app adaptation of multiplayer card game | React, NodeJS, Express, Socket.io

- Created an app version of a card game where players cooperate to place down their cards in ascending order without any communication
- Utilized Socket.io to re-render the app in real-time for all clients playing the game through bidirectional and event-based communication
- Employed object-oriented design to construct game logic and turn-based gameplay

Skills

Proficient - Javascript, React, Redux, Nodejs, Git, GitHub, Agile/Scrum, Object-Oriented Programming

Knowledgeable - Express, HTML, CSS, PostgreSQL, MySQL, MongoDB

Basic - Python, Java, Socket.io

Education

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

CS courses: Berkeley CS 61B: Data Structures & Algorithms, Harvard CS50: Intro to Computer Science

Web Development courses: Udemy: Web Dev Bootcamp, React with Redux

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