Justin Hsie

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Portfolio Site: https://justinhsie.github.io
GitHub: https://github.com/JustinHsie
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Projects

Eats Nearby: Original full-stack CRUD app | React, Redux, PostgreSQL, NodeJS, Express
- 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: Harvard CS50: Intro to Computer Science, Berkeley CS 61B: Data Structures & Algorithms
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