Justin Hsie [justinhsie1001@gmail.com](mailto: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, 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: 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