Justin Hsie justinhsie1001@gmail.com

[https://justinhsie.github.io](https://justinhsie.github.io/index.html)

<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