**JUSTIN HSIE**

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<https://justinhsie.github.io> **|** [www.github.com/JustinHsie](https://github.com/JustinHsie) **|** [www.linkedin.com/in/justinhsie](http://www.linkedin.com/in/justinhsie)

**EXPERIENCE**

**Software Developer, Contract** Aug 2022 - Sept 2022

*Humming, Tacoma, WA*

* Built new homepage in React+Javascript in collaboration with lead designer
* Implemented responsive designs for 9 device screen sizes and breakpoints for web & mobile
* Constructed 10+ React components emphasizing reusability
* Agile team collaboration & version control over Github

**EDUCATION**

**University of Washington,** Bothell, WA Sept 2022 - present

Post-Bac Certificate in Software Design & Development, Computer Science

GPA: 3.9/4.0

* *Data Structures & Algorithms, Software Design, Operating Systems, Object-Oriented Programming*

**Columbia University,** New York, NY May 2020

Master of Science (MS), Biostatistics

* *Machine Learning, Data Science, Statistics*

**University of Washington**, Seattle, WA June 2017

Bachelor of Science (BS), Biology

**PROJECTS**

[**Movie List:** Python, FastAPI | React, Javascript, HTML+CSS | PostgreSQL | Docker, Heroku](https://github.com/JustinHsie/movielist) June 2022

* Full-stack web app to save and sort favorite movies with personal rating
* Constructed RESTful API backend routes in FastAPI with robust user authentication and password hashing
* Connected to PostgreSQL database with SQLAlchemy orm to persist user and movie data

[**Eats Nearby:** React, Redux, Javascript, HTML+CSS | PostgreSQL | NodeJS, Express | Heroku](https://github.com/JustinHsie/eats)  Mar 2021

* Full-stack web app to save favorite places and retrieve in order of proximity to current location
* Created RESTful API backend routes in Express with efficient SQL queries to persist user data in a PostgreSQL database
* Managed global state and async data fetching with Redux, implementing third-party API calls to Google Maps Autocomplete, Places, & Distance Matrix APIs

**SKILLS**

**Proficient** - Java, Javascript, React, Git/GitHub, HTML+CSS, SQL

**Knowledgeable** – Python, NoSQL, PostgreSQL, MongoDB, Nodejs, Express

**Basic** - C++, Linux, Docker, Heroku, Command Line

**Courses** - Web Dev Bootcamp, React with Redux

**WORK EXPERIENCE**

**Biostatistician** June 2021 - Oct 2022

*PPD, Wilmington, NC*

* Program statistical macros and tables in SAS, produce statistical analysis plans