**JUSTIN HSIE**

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**EXPERIENCE**

**Software Developer (Contract)** Aug 2022 - Sept 2022

*Humming, Tacoma, WA*

* Built new homepage in collaboration with lead designer in React, Javascript, and HTML+CSS
* Implemented web/mobile responsive designs across 9 device screen sizes and breakpoints
* Refactored legacy code in a codebase with 200+ components in Javascript to improve maintainability
* Constructed 10+ React components with emphasis on reusability

**EDUCATION**

**University of Washington,** Bothell, WA Sept 2022 - expected graduation: June 2023

Graduate Certificate in Software Design & Development, Computer Science

*Courses: Data Structures & Algorithms, Systems Programming, Object-Oriented Programming*

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

Master of Science (MS), Biostatistics

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

Bachelor of Science (BS), Biology

**SKILLS**

**Proficient** – Java, Javascript, React, HTML+CSS, Object-Oriented Design, Git/GitHub, SQL

**Knowledgeable** - PostgreSQL, MongoDB, Sass, Nodejs, Express, Redux, Python

**Basic** – C++, Docker, Bootstrap, PrimeReact, UIKit, Next.js, Command Line, Heroku

**Courses** – Computer Science I & II, Data Structures & Algorithms, Web Dev Bootcamp, React with Redux

**PROJECTS**

[**Movie List:** Full-stack CRUD app from scratch | React, FastAPI, PostgreSQL, Docker, Heroku](https://github.com/JustinHsie/movielist)  June 2022

* Constructed an app to save and sort your favorite movies with your personal rating
* Integrated third-party API calls to The Movie Database API to retrieve movie posters and titles
* Constructed RESTful backend routes in FastAPI with robust user authentication and password hashing
* Connected to PostgreSQL database with SQLAlchemy orm to persist user and movie data
* Configured and deployed to Heroku in Docker container

[**Eats Nearby:** Full-stack CRUD app from scratch | React, Redux, NodeJS, Express, PostgreSQL](https://github.com/JustinHsie/eats) Mar 2021

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

**WORK EXPERIENCE**

**Biostatistician (Remote)** June 2021 - Oct 2022

*PPD, Wilmington, NC*

* Program/validate statistical macros and tables in SAS
* Refactor legacy statistical code to improve cleanliness, readability, and reusability
* Produce statistical analysis plans derived from the study protocol and case report form