**JUSTIN HSIE**

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**EDUCATION**

**UNIVERSITY OF WASHINGTON,** Bothell, WA Expected graduation: June 2023

Post-Baccalaureate Graduate Certificate in Software Design & Development

**BELLEVUE COLLEGE**, Bellevue, WA Mar 2022

Courses: Computer Science I & II in Java, Calculus III, Linear Algebra

**COLUMBIA UNIVERSITY,** New York, NY May 2020

Master of Science (MS), Biostatistics

**UNIVERSITY OF WASHINGTON**, Seattle, WA June 2017

Bachelor of Science (BS), Biology

**EXPERIENCE**

**Web Developer (Contract)** August 2022-present

*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

**Associate Biostatistician (Remote)** June 2021-present

*PPD, Wilmington, NC*

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

**SKILLS**

**Proficient** - Javascript, React, HTML+CSS, Java, Object-Oriented Programming, Git/GitHub

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

**Basic** - UIKit, Bootstrap, PrimeReact, Next.js, Command Line, Heroku, Docker

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

**PROJECTS**

**Movie List:** Full-stack CRUD app from scratch | React, FastAPI, PostgreSQL, Docker, Heroku 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 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