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