

Matthew Herradura

User Experience Developer

PROJECTS

VizDAS Senior Capstone

Seattle, WA

UX Designer & Front End Dev

January 2023 - June 2023

- Developing first ever Distributed Acoustic Sensing research tool for UW's Earth and Space Science Department.
- Conducted competitive audits and user research with department researchers and grad students to understand key features.
- Designed wireframes and prototypes which followed guidelines of identified requirements.
- Coded front end of application and integrated interactive map which displayed DAS cables based on sensor coordinates.
- Collaborated with back end team to allow users to visualize data from 12+ terabyte large cloud database using python scripts.
- Underwent user testing process which resulted in final solution cutting down workflow time of department researchers by up to 98%, recognized as an iSchool Research Award finalist.

Equality Now

Seattle, WA

Front End Developer

January 2023 - March 2023

- Collaborated with cross functional team of designers, developers, and project managers to develop software educating the public on gender wage gap inequalities.
- Coded front end of website and integrated search and filter feature with info on 50+ charities using JavaScript and React.
- Conducted usability tests on stakeholders and unit tests to ensure functionality on code and smooth user experience.
- Developed Minimum Viable Product which displayed wage gap data on all 50 states within 3 months.

EXPERIENCE

Student Technology Loan Program

Seattle, WA

Student Assistant

January 2021 - Current

- Scheduled thousands of bookings for student technology pickup and return for students in need.
- Worked in an agile workflow with Systems Team to remotely manage hundreds of MacBook laptops in Jamf.
- Enhanced overall customer service experience for students by providing prompt assistance, troubleshooting technical issues, and offering guidance on rented technology.

Contact

Phone

253 -347 - 8515

Email

matthew.herradura@gmail.com

Portfolio

matthewherradura7.wixsite.com/portfolio

Education

University of Washington

2019 - 2023

Bachelors of Science

Informatics: Human Computer Interaction

- Coursework related to user research methods and software development

Google

In progress

UX Design Certificate

- Modules contained training on UX research and design fundamentals.

Meta

In progress

Front End Development Certificate

- Learned industry practices, coding languages, version control, testing, etc.

Skills

HTML

Figma

CSS

Adobe Illustrator

JavaScript

User Research

React

User Personas

Git

Prototyping

Unit Testing

Usability Testing

Extracurriculars

Chi Theta Psi

Seattle, WA

President

June 2020 - May 2021

Skyscanner

Seattle, WA

Front End Virtual

Experience Participant

June 2022