

Marlene Moreno Cordova

Portfolio: mmorenocordova.netlify.app

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OBJECTIVE

Interested in **Human-Computer Interaction** and **Geographic Information Systems (GIS)**, with a focus on creating intuitive and engaging user experiences. Experienced in leveraging spatial data and interactive design to improve problem-solving and user engagement. Eager to bring creativity and technical expertise to design-focused projects.

EXPERIENCE

Office Clerk @ Office for Students with Disabilities

University of California, San Diego
2021 – Present

- Maintain and update student files and records in accordance with confidential regulations
- Provide administrative support: scheduling, phone calls, emails, office upkeep & assist students with navigating university resources and accommodations
- Accessibility Ambassador: Facilitate live captioning services for deaf/hard-of-hearing students via Zoom
- DHOH Assistant: Update student data for captioning/interpreting services & communicate with Captioning/ASL agencies for students

GIS Intern

Indian Health Service; Division of Program Statistics – Remote
September 2024 – Present

- Conduct spatial data analysis to in an effort to support healthcare initiatives aimed at improving access to services and resources for Indigenous populations across various regions
- Current project involves analyzing trade routes between pacific islands, evaluating historical and contemporary patterns.
→ Precisely locate Tribal lands & tweak subnational data/indicators to more precise levels
- Develop maps and visualizations to enhance decision-making processes

PROJECTS

ReConnect!

- Designed a VR therapy game to offset social isolation that comes with the senior age group, especially after experiencing a stroke. Although originally designed for those with Hemispatial neglect, the main purpose is for those recovering from a stroke to spend time with their loved ones via a game that involves activities to aid with the use of the user's neglected vision and/or limbs

Healthcare Access & Quality Across the United States

- Using BabyPandas, numpy, seaborn and GeoPandas – worked on exploring the accessibility of healthcare in the US in terms of geographical distribution of hospitals and how this varies across different demographic groups to take a look at disparities of quality using datasets that include location, ratings, demographics and populations.

SKILLS

Programming

- Python
- Java

Web Development

- CSS
- HTML

Design

- Figma
- Usability Testing
- User Research

Data Analysis

- Pandas
- ArcGIS

Office & Administration

- MS Office
- Communication
- Manage incoming calls/emails

EDUCATION

Cognitive Science; B.S. with a Specialization in Design and Interaction

University of California, San Diego
Graduation Date: May 2015

Relevant coursework:

Social Computing, Thinking with Computers, Usability and Information Architecture, Interaction Design, Design for Creativity & Productivity

More Projects available for view on:

mmorenocordova.netlify.app