🎓 EDUCATION

University of Oregon
09/17-09/21
PhD in Prevention Science (*Specialization: Data Science for Educators*)
📍 Eugene, Oregon

University of Oregon
09/17-12/20
MS in Prevention Science
📍 Eugene, Oregon

California State University, Dominguez Hills
08/15-08/17
MA in Health Psychology
📍 Carson, CA

California State Polytechnic University, Pomona
09/09-12/14
BA in Psychology (*Minor: Chicana/o & Latina/o Studies*)
📍 Pomona, CA

💼 PROFESSIONAL EXPERIENCE

Data Scientist/Psychometrician
09/22-Present
Accessible Teaching, Learning, and Assessment Systems   📍 Remote
- Create annual reports in collaboration with the National Center on Deafblindness
- Led a project predicting student use of text-to-speech function
- Testing student assessment data using Bayesian Networks

Posit Academy Mentor
01/22-09/22; 7/23-Present
RStudio; Posit   📍 Remote
- Co-led mentor meetings with students learning how to use R
- Held office hours to assist students with troubleshooting R code

Lecturer, Psychology
08/21-06/22
California State Polytechnic University, Pomona   📍 Pomona, CA
- Lectured on experimental design and inferential statistics
- Taught students how to conduct statistics in SPSS and R
- Trained students in recruitment, survey design, experimental design, conducting analyses, and report writing

Diversity & Inclusion Graduate Employee
09/20-06/21
University of Oregon - Graduate School   📍 Eugene, Oregon
- Created advisory groups to improve inclusivity
- Organized data for incoming McNair and Promising Scholars
- Created dashboards on student teaching and program perceptions
- Held office hours for students with departmental issues or professional development

Graduate Research Assistant
09/17-06/19
University of Oregon - Counseling Psychology   📍 Eugene, Oregon
- Built strategic connections with key community members in rural Oregon communities
- Conducted a needs assessment for food insecurity in communities
- Created presentations reporting findings at academic conferences
- Trained several undergraduates in survey design, qualitative and quantitative research methods, data collection, data analysis, and report writing

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JONATHAN A. PEDROZA PHD

CONTACT INFO

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⌂ github.com/jpedroza1228
📞 (562)547-5729
📈 Website
in Linkedin

For more information, please contact me via email.

SKILLS

Programming languages: R, Python, and SQL

Inferential statistics (e.g., growth models, structural equation modeling)

Machine learning (e.g., decision trees, gradient boosting, linear/logistic regression)

Data visualization (e.g., ggplot2, Plotly)

Dashboards (e.g., Shiny, Flexdashboard)

Grant and report writing

Research design

Survey design

Qualitative research methods (e.g,. interviews, focus groups)

Program evaluation

Google Cloud Platform

REFERENCES

Available upon request