

Luis Rivera

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Areas of Expertise

Algorithm tools

Design metrics

Object-oriented programming

Data spreadsheet summary

Probability distributions

Hypothesis testing

R programming

Statistical testing

Data analysis/evaluation

Research techniques

Research design

Process planning

Quality management

Forecasting tools

Policy analysis

SQL commands with joins

Database design

Data merging

HTML proficiency

CSS styling proficiency

Education

Bachelor of Arts in Public Policy and Administration

Brigham Young University - Idaho | Rexburg, ID
Sep 2018 - Dec 2021

Emphasis in Public Administration

GPA: 3.9

Academic Scholarship - Thomas E. Ricks Grant

Bachelor of Science in Data Science Online Coursework

Brigham Young University - Idaho | Rexburg, ID
Aug 2024 - Present

Additional courses taken through the BYU-I BS in Data Science major as prerequisite coursework for MS in Data Science.

Professional Experience

Administrative Analyst I

New Jersey Department of Transportation | Ewing, NJ
Jan 2023 - May 2024

Developed internal protocols for managing \$3.5 million in annual federal funds related to the Intelligent Transportation Resource Center.

Managed federal contracts using the Financial Management Information System.

Conducted research on Intelligent Transportation Systems to improve traffic flow and safety.

Provided support in developing annual in-house budget for the Transportation Mobility Research Unit.

Participated in State Transportation Innovation Council quarterly meetings.

Instructor Evaluation Support Specialist/Statistics Tutoring Assistant

Brigham Young University-Idaho | Rexburg, ID
Apr 2021 - Dec 2021

Assigned grades for student coursework.

Conducted exam review sessions and tutoring for a class of 50 students.

Monitored BYU-I online instructor presence for 24 instructors daily.

Custodian

Brigham Young University-Idaho | Rexburg, ID
Jan 2019 - Apr 2020

Performed routine cleaning and maintenance tasks across campus buildings.

Managed waste disposal and maintained cleanliness in waste areas.

Assisted with event setups and post-event cleanups.

Ambassador

Church of Jesus Christ of Latter-day Saints | San Fernando, CA
Aug 2016 - Jul 2018

Oversaw the well-being of 30 full-time ambassadors.

Provided community service and humanitarian aid.

Shared the teachings of Jesus Christ and engaged in religious education.

Trained ambassadors for missionary life and responsibilities.