Elda Pere

Data Scientist

Experience

2020-01 - present

Data Scientist I
ViviendasLeón
- Work cross-functionally to define problem statements, collect data, and apply statistics to complex business problems.
- Working with coordinators and volunteers in Nicaragua and Guatemala to exercise most efficient data collection methods.
- Using Excel spreadsheets with volunteer farming data to create Tableau dashboards that drive strategic decision-making across the organization.
- Routinely communicate with the leadership on modeling projects to present in a cohesive, logical, and fluent way from the original business question to data-driven strategy recommendations.
- Using Python packages to analyze marketing as well as farming data and provide actionable insights that increased engagement by over 50%.

2019-09 - present

Communications Analytics
UC Berkeley Student Affairs
- Develop custom data models and algorithms for incoming student survey data.
- Creating a system of reporting social media analytics for clients and partners with constantly changing data utilizing Python.
- Creating reports for different social media platforms on a monthly basis using Google Data Studio, Excel and Jupyter Notebooks.
- Creating content for social media by applying insights from previous analytics reports.
- Use quantitative analysis and the presentation of data to see beyond the numbers and understand what drives the organization.

2019-05 - 2019-08

Data Science Intern
Xy Web Solutions
- Efficiently assigned incoming tasks to team members.
- Worked with customers to bring their website vision to life.
- Developed social media strategies for the company's platforms.
- Started the company's first blog about data use in small businesses.
- Developed visualizations for clients using Tableau visualization software.

2019-02 - 2019-05

Representative of Student Task Force
Bergen Community College
Restructured the default student experience at the college by creating a new curriculum using student data. The new curriculum is to be implemented by 2020 and focuses on guiding an undecided student, as well as leveling the number of required humanities courses compared to science courses.

2017-05 - 2018-08

Research Intern
Bergen Community College
- Started the college's first E-Nable chapter to create free prosthetics and started developing an entirely new field of trigonometry, "Trigonacci". These projects won first and second place at STEM C^2 regional conference.
- Researcher in the largest study on the effects of ASMR media and classical music on stress and anxiety using EEG machines. Recognized as the top project among 470 others and published here.

Leadership

Phi Theta Kappa Board of Directors
Assist in decision-making related to the functions of the Honors Society as a whole. Started "TransferNation", the first podcast that gives transfer students professional advice from interviews.

International President at Phi Theta Kappa
Represented high-achieving students of the nation by hosting conferences, speaking in front of an audience of over 4000, writing for periodicals and assisting in marketing events and products.

Education

2021

BS: Data Science, University of California, Berkeley.

2019

AS: Engineering Science, Bergen Community College.

Personal Info

Location
Hayward, CA

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LinkedIn
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Skills

Programming - Python

Experience with Pandas, NumPy, SciKitLearn, Seaborn, Plotly, MatPlotLib, GeoPandas, and other packages.

Programming - Other

Coursework done in Java, Javascript, C++, R, SQL and HTML.

Data Visualization

Professional experience with Google Data Studio, Tableau, Microsoft Excel, Adobe Photoshop and more.

Statistics

Experience and coursework done in probability, hypothesis testing, optimization, regressions and general machine learning.

Communication

Professional experience in written communication through publications, public speaking, social media marketing/branding. Fluent in Albanian and Spanish.

Awards

2019-10
Amazon's #1 New Book Release In STEM Education

2018-11
New Jersey Student of the Year

2018-04
Jack Kent Cooke Scholar

2018-01
Achieving the Dream Scholar

2018-05
Coca-Cola Silver Scholar Award

2017-05
Best Tutor Award