

RODRIGO UGARTE

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EDUCATION

University of Southern California Los Angeles, US
Master of Science in Applied Data Science August 2023- Expected May 2025

- GPA: 4.0
- Relevant Coursework: Foundations of Data Management, Data Science at Scale, Machine Learning and Principles of Programming for Data Science.
- Student Clubs: Graduates Rising in Information and Data Science (GRIDS), Society of Hispanic Professional Engineers (SHPE)

University of London - Royal Holloway London, UK
Bachelor of Science in Business Administration with International Business October 2018-August 2021

- Honors: Upper Second-Class Honors
- Relevant Coursework: Statistics (First Class Honors), Accounting & Global Marketing (First Class Honors), Supply Chain Management (First Class Honors) and International Business

Universidad de Lima Lima, Peru
Bachelor of Science in Industrial Engineering April 2017-August 2021

- Honors: Graduated 12th out of 546 students
- Relevant Coursework: Statistics, Informatic Tools, Technology, Process Simulation
- Elected delegate leader of several classes

RELEVANT SKILLS

Technical Skills: Microsoft Office, Power Bi, Tableau, SQL, Python (Pandas, Tensorflow, Scikit-learn), AWS, Spark and MongoDB
Certifications & Training: SQL and database modeling, Python for Data Science
Languages: Fluent in Spanish, English and Italian. Intermediate knowledge in Portuguese

EXPERIENCE

Atria Corp Lima, Peru
Logistics Assistant March 2023-June 2023

- Automated processes to generate purchase orders, saving 60% of registration time, using Excel and Python
- Directed negotiation and generation of over 70 purchase orders, involving over \$100k USD
- Incorporated Excel and Power Bi dashboards to monitor 5 objectives of logistics area, was used by the CEO

Luz del Sur Lima, Peru
Operations Intern February 2022-March 2023

- Achieved a 75% reduction in maintenance work assignment time, enhancing operational efficiency, using Excel VBA and SQL
- Led team's efforts to elaborate the 2023 CapEx and OpEx budgets, consisting of \$14 and \$3 million USD respectively
- Created and maintained Excel and Power Bi dashboards for 3 KPI's: budget completion, occupational security and failure rates

Falcon Management Partners Lima, Peru
Consulting Analyst October 2021-February 2022

- Integrated and interpreted an SQL database with over 20k entries of marketing campaign called "Financiera Oh!"
- Analyzed options for marketing campaign called "Financiera Oh!", generating \$200k USD of savings per year
- Designed monthly high-impact presentations for managers, including metrics of progress and costs.
- Engaged with a cross-functional team of over 6 stakeholders within the customer company, resulting in more accurate solutions

RELEVANT PROJECTS

Development of Machine Learning Algorithms for Photo Correction April 2024-Ongoing
Engaged in developing machine learning algorithms to correct blurry photos, using advanced image processing techniques and neural networks with Python and TensorFlow. The project aims to enhance image clarity and detail significantly, with potential applications in digital photography and image analysis.

Big Foot Sightings Exploratory Analysis March 2024-April 2024
Designed and implemented an interactive web visualization for a dataset containing reports of Bigfoot sightings across the United States. Utilized D3.js to create dynamic, user-friendly visualizations that allow users to explore trends and patterns based on geographical and temporal data. Enhanced data exploration with SpaCy for entity recognition and GeoParser for parsing geographical data. Applied clustering techniques to identify patterns and trends based on geographical and temporal data.