**Rodrigo Ugarte**

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**education**

**University of Southern California** Los Angeles, US

**Master of Science in Applied Data Science** August 2023-May 2025

* **GPA:** 3.93
* Relevant Coursework: Data Management, Data Mining, Machine Learning, Web Search Engines and Data Science at Scale
* Student Clubs**: Graduate Representative** of Society of Hispanic Professional Engineers (SHPE), Graduates Rising in Information and Data Science (GRIDS), USC Chess Club

**University of London - Royal Holloway** London, UK

**Bachelor of Science in Business Administration with International Business** October 2018-August 2021

* Honors: **First Class Honors** in Statistics, Accounting & Global Marketing and Supply Chain Management

**Universidad de Lima** Lima, Peru

**Bachelor of Science in Industrial Engineering** April 2017-August 2021

* Honors: Graduated **12th out of 546** students
* Elected as delegate leader of several classes, served as TA and Laboratory Assistant, mentoring and supporting students

**Relevant skills**

Technical Skills: Microsoft Office, Power Bi, SQL, Python (Pandas, Tensorflow, Scikit-learn, NLTK), AWS, Spark

Certifications & Training: SQL and database modeling, Python for Data Science, Spark & Python for Big Data

Languages: Fluent in Spanish, English and Italian

**WORK experience**

**Atria Corp** Lima, Peru

***Logistics Data Assistant***March 2023-June 2023

* Automated processes to generate purchase orders, saving 60% of registration time, using SQL and Python
* Directed negotiation and generation of over 100 purchase orders, involving over $100k USD
* Created Excel and Power BI dashboards to monitor 5 logistics objectives, utilized by the CEO

**Luz del Sur** Lima, Peru

***Operations and Data Intern*** February 2022-March 2023

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

**Falcon Management Partners** Lima, Peru

***Consulting Analyst*** August 2021-February 2022

* Engaged with a cross-functional team of over 6 stakeholders, accomplishing a 10% annual savings
* Integrated and interpreted an SQL database with over 20k entries related to spending elements
* Built monthly presentations for managers, including metrics of progress and costs

**relevant projects**

**Development of Machine Learning Algorithms for Photo Correction** August 2024-Present

* Implemented U-Net Neural Networks and image processing techniques to correct blurry photos using Python and TensorFlow
* Enhances image clarity with potential applications in digital photography and image analysis

**CV and Cover Letter Tailoring** June 2024- August 2024

* Leveraged NLTK library for Python to extract relevant action verbs, skills and competences from job offers
* Formulated a pipeline to output a tailored CV and Cover Letters from extracted information

**Spotify: Playlist Creation and Visualizations** April 2024-July 2024

* Achieved automatic playlist creation using the Spotify API and K-Means Clustering in Python Scikit-learn
* Created a personalized “Spotify Wrapped” utilizing interactive heat maps, pie charts and scatter plots to track user preferences

**Big Foot Sightings Exploratory Analysis** February 2024-April 2024

* Collaborated with a team of four to devise interactive visualizations for the Big Foot Sightings dataset using D3.js, illustrating patterns in time and space.
* Utilized Python packages like SpaCy for entity recognition and GeoParser for geographical data parsing