

Joey Hernandez-Ramos

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PROFESSIONAL EXPERIENCE

Senior Business Intelligence Analyst • Houston, Texas • Full-time
Comcast NBCUniversal • May 2024 - Present

- Deliver monthly executive-level reports with actionable insights and strategic recommendations, optimizing business performance for the Texas region's 1.3M+ subscribers
- Design and implement scalable business intelligence solutions by translating complex requirements into actionable insights, utilizing SQL, Python, and Tableau to drive operational efficiency and uncover revenue growth opportunities across 7 sales channels
- Developed a Time Series Forecasting Model in Python for door swings and connects, automating the forecasting process and reducing analysis time by 40% for 13 retail stores
- Manage the monthly forecasting, goaling and incentive process for Texas Region Xfinity Retail channels, enhancing sales performance for 34 stores and over 200 retail professionals

Data Analyst & Statistician • Remote • Full-time
Figure Financial, Inc • January 2023 - November 2023

- Utilized Excel Macros, SQL and Python to optimize dataset integrity for IRS compliance, processing 50+ weekly payrolls and securing over \$15 million in credits
- Constructed 12 detailed Jotform Surveys with complex logic over two weeks, improving data collection accuracy for superior credit substantiation outcomes
- Developed 3 Tableau Dashboards for Employee Retention Credit claims which prompted the implementation of a new R&D Tax Credit Business Line

Senior Manager, Analytics & Data Visualization • Los Angeles, California • Full-time
Hispanic Scholarship Fund • September 2019 - December 2022

- Managed 74 Fortune 500 foundation grants using Excel Power Query & Salesforce Databases, enabling effective tracking of partnership levels and sponsorships for critical weekly allocation reports
- Generated 50 annual SQL-based compliance reports for a \$30M annual scholarship program, pinpointing scholar recipients demographics, geography and award amount
- Designed 15+ Tableau Reports, contributing support services to 415K+ scholars, achieving an organizational Net Promoter Score of 85, and securing a \$50 million unrestricted donation from MacKenzie Scott

SKILLS

Programming Frameworks: HTML, Keras, PyTorch, Python, R, Scikit-learn, SQL, TensorFlow

Data Analysis & Visualization: Matplotlib, Microsoft Excel, Power BI, NumPy, Pandas, Plotly, SciPy, Seaborn, Tableau, MATLAB, STATA

Machine Learning & AI: A/B Testing, OpenCV, Time Series Forecasting

Data Engineering & Cloud: Amazon Web Services, dbt (data build tool), ETL Processes, Google Big Query, Microsoft Azure, Teradata

EDUCATION

Pomona College

Bachelor of Arts in Economics • GPA: 3.80 • Claremont, California • May 2019

Michigan State University | National Science Foundation

American Economic Association Summer Training and Scholarship Program • East Lansing, Michigan • July 2017

CERTIFICATIONS

Google: Advanced Data Analytics Specialization • November 2023

Kaggle: Time Series with Machine Learning • November 2023

Google: The Nuts and Bolts of Machine Learning • November 2023

Udemy: The Complete SQL Bootcamp: Go from Zero to Hero • July 2023

Correlation One: Data Science Honors Certificate • February 2021

PROJECTS

BCG Data Science & Machine Learning Job Simulation • January 2024 • Forage

- At XYZ Analytics, I orchestrated a customer churn analysis, showcasing my adeptness in data analytics and strategic planning. Through Python, employing Pandas and NumPy, I turned data into visual stories, culminating in a random forest model with an 85% churn forecasting precision.

LEADERSHIP

Houston Network Lead • Houston, TX • Part-time

SOMOS.tech (We Are Tech) • February 2024 - Present

- Founded and scaled the SOMOS.tech Houston Network, attracting 120+ registrations and fostering a thriving community for aspiring technologists.
- Organize quarterly events and workshops to further SOMOS.tech's mission, leveraging our alliances with organizations such as Techqueria and Latinas in Tech to enhance community engagement and collaboration

SELECTED PRESENTATIONS

The Future of Latinos in the AI Era

ALPFA Tech Talks • Association of Latino Professionals for America • June 2024

Mastering the Art of the Interview: Leveraging AI to Shine in a Competitive Job Market

Black Tech Symposium • Blacks United in Leading Technology International • April 2024

AWARDS & RECOGNITIONS

Linkedin Top Data Science Voice • May 2024

Microsoft Innovation Challenge Award • April 2024

Lorne D. Cook Memorial Award • Pomona College Economics Department • May 2019

Pomona College Scholar • August 2015 - May 2017