Erika Gutierrez

Email: erika.gutierrez@bse.eu

linkedin.com/in/erikangutierrez

Cell Phone: +34 697993450 (Spain) +1 3216637412 (USA)

Portfolio: erikaguti.github.io

EDUCATION

Barcelona School of Economics   **Barcelona, Spain**

Master Program in Data Science for Decision Making   September 2022 - July 2023

GPA: 8.66/10

Thesis: Forecasting BiciMAD Hourly Demand Using Machine and Deep Learning Methods

University of Florida   **Gainesville, FL, United States**

B.A. Economics, Minor in Sustainability, Certificate in GIS   August 2017 – May 2019

GPA: 3.7/4.0 (Summa Cum Laude)

Thesis: Evaluating Effectiveness of Residential Heat Pump A/C Rebate Programs Using OLS

PROFESSIONAL EXPERIENCE

RE Tech Advisors   **Washington D.C., United States**

<u>Analytics Associate</u>   February 2021 – May 2022

- Optimized data collection process to expand energy consumption reporting capabilities for 3+ clients using HTTP request methods, reducing aggregation time by 95% per property
- Created new client capital expenditure tool by designing the database architecture and data processing algorithm, resulting in enhanced dashboards and insights

<u>Data Analyst</u>   June 2019 – February 2021

- Increased accuracy of regulatory energy consumption reporting requirements for commercial RE clients by 75% through design and implementation of geospatial software
- Presented case studies and led workshops on firm analytics tools and resources to online audience of ~50 people
- Owned and managed analytics team's source codes and data processes end-to-end, including extraction, storage, analysis, and visualization for 10+ clients using Python and SQL Server Management Studio

Orlando Utilities Commission (OUC)   **Orlando, FL, United States**

<u>Corporate Sustainability Intern</u>   June 2018 – May 2019

- Conducted 7 energy audits at commercial and residential properties
- Identified key insights for department leadership using statistical analysis of local energy efficiency rebate programs (as part of undergraduate thesis)
- Supported company sustainability initiatives and ensured that resources, priorities, and objectives were monitored and reported accurately

SKILLS

Languages: English (native), Spanish (advanced), German (intermediate)

Programming: Python, R, SQL, PowerBI, SQL Server Management Studio, Excel, Azure, Git

Machine Learning: Supervised Learning, Unsupervised Learning, Reinforcement Learning, Generative AI, Neural Networks

Certifications: Harvard University's CS50x: Introduction to Computer Science (2021)

PROJECTS

4th Cassini Hackathon Participant (November 2022)   **Antwerp, Belgium**