LUNA BELLITTO

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EDUCATION
UNIVERSITY OF CALIFORNIA, SAN DIEGO   June 2025
Master of Science, Computational Social Science

JOHN CABOT UNIVERSITY   December 2022
Bachelor of Arts, International Affairs

EXPERIENCE
UC SAN DIEGO, San Diego, California
Capstone Project   **9/15/2024 – 6/15/2025**
- Developed a **Python package** for missing data imputation applicable to both tabular and non-tabular datasets.
- The model outperforms the existing ones and adapts to tabular and non-tabular data.
- Paper with results presented at the ***Midwest Political Science Association (MPSA) 2025***.

UC SAN DIEGO, San Diego, California   **1/12/2025 – 6/15/2025**
Teaching Assistant
- Taught **Python fundamentals** and **statistical applications** for social science research.
- Guided students in data visualization and applying regression and predictive models to real-world questions.
- Strengthened communication skills by explaining technical concepts to diverse student audiences.

JOHN CABOT UNIVERSITY, Rome, Italy   **9/15/2022 – 12-21-2022**
Research Assistant
- Built a **structured** cross-country **database** on international legislative measures addressing forced marriage.
- Conducted **comparative analysis** to identify legal and enforcement gaps using structured data review.

PEACHE VILLAGE, San Diego, California
Assistant   **6/1/2022 – 8/30/2022**
- Assisted families in the development of legal documentation related to their refugee status.
- Strengthened data collection and organizational processes for case documentation.

PROJECTS
Advanced Statistical Applications, Replication Project   **1/10/2025 – 3/20/2025**
- Applied statistical models in **R** to analyze the impact of international organizations on violence reduction.
- Enhanced model accuracy and identified new predictors, improving policy relevance and interpretation.

Economic and Business Forecasting   **1/10/2025 – 3/20/2025**
- Built and compared **multiple regression** models to forecast American household wealth.
- Increased prediction accuracy and reduced error, demonstrating expertise in model validation.

VOLUNTEERING
THE NEW GLOBAL ORDER, Remote   **3/15/2024 - Present**
Assistant
- Managed internal task coordination and maintained applicant **tracking databases**, strengthening organizational, communication, and **data management** skills.

SURVIVORS OF TORTURE, INTERNATIONAL, San Diego, California   **6/20/2023 – 12/20/2023**
Research Assistant
- Produced legal support documents on trauma-related memory loss for asylum-seekers.

SKILLS

Data Science:	PyTorch, TensorFlow, Machine Learning, Deep Learning, Neural Networks
Data Visualization:	Plotly, PowerBI, Matplolib, Seaborn, GIS
Programming Languages:	Python, SQL, PostgreSQL, R
Languages:	Italian (native), English (fluent), Spanish (advanced), French (Intermediate)