

LUNA BELLITTO

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EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO
Master of Science, Computational Social Science

June 2025

JOHN CABOT UNIVERSITY
Bachelor of Arts, International Affairs

December 2022

EXPERIENCE

UC SAN DIEGO, San Diego, California
Capstone Project

9/15/2024 – 6/15/2025

- Developed a **Python package** to address the problem of missing data, which largely affects the majority of data.
- 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
Teaching Assistant

1/12/2025 – 6/15/2025

- Taught **Python fundamentals** and **statistical applications** in weekly discussions using different libraries.
- Taught students how to visualize data and its insights properly.
- Guided students in **applying statistical models** to social science questions to build computational and analytical skills.

JOHN CABOT UNIVERSITY, Rome, Italy
Research Assistant

9/15/2022 – 12-21-2022

- Creation of a **structured database** compiling international legislative measures on forced marriage across countries.
- Conducted **comparative analysis** of legal gaps and enforcement patterns using **Excel** and manual review of legal texts.

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.
- Built and restored housing for refugees coming to the United States.

PROJECTS

Advanced Statistical Applications, Replication Project

1/10/2025 – 3/20/2025

- Statistical analysis** of the effects of international organizations on violence and identification of new predictors.
- Enhanced model accuracy and visualized the results in **R programming** to deepen the understanding of NGO's impact.

Economic and Business Forecasting

1/10/2025 – 3/20/2025

- Applied and compared different regression models to forecast American household wealth.
- Predicted the American household wealth with an increase in accuracy and a decrease in error.

VOLUNTEERING

THE NEW GLOBAL ORDER, Remote
Assistant

3/15/2024 - Present

- Managed internal task coordination and maintained applicant **tracking databases**, strengthening organizational, communication, and **data management** skills.

SURVIVOR OF TORTURE, INTERNATIONAL, San Diego, California
Research Assistant

6/20/2023 – 12/20/2023

- Prepared a legal support document on memory loss in trauma survivors to aid asylum-seekers in the legal process.

SKILLS

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