

# ALEJANDRO M. OUSLAN

## EDUCATION

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### University of Puerto Rico, Mayaguez

*Bachelor of Arts in Economics GPA: 3.50*

Mayaguez, PR

Aug. 2019 – May 2024

### Howard University

*AEA Summer Program GPA: 3.50*

Washington, DC

May. 2023 – Jul 2024

### University of Puerto Rico, Mayaguez

*Master of Science in Statistical Mathematics GPA: 3.24*

Mayaguez, PR

Aug. 2024 – Present

## EXTRACURRICULAR ACTIVITIES

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### Student Money Association

*Student Assor*

Sept. 2023 – Jun. 2024

Mayaguez, PR

- Helped students develop budgent planas and educate on money mangement.
- The overall objective of the program was to provide financial literacy to the student body.

### Economics Student Association

*Treasurer*

Sept. 2022 – Present

Mayaguez, PR

- Help manage the association's budgent
- Help manage and create fund raisers for the association

### University of Salamanca

*Invited Profesos*

Sept. 2022 – Present

Salamanca, Spain

- Invited by the department of Political Science to give a class on Data Science and Reasearch automation
- I taught students how to use automate webscaping with python to download data from an API and create a reproducible report.

## EXPERIENCE

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### RUMbo EX, UPRM

*Student Statistics/Economics Tutor*

Sept. 2021 – Present

Mayaguez, PR

- Was tasked in tutoring students of the university for varouse courses
- Courses that I provided tutering for are: Micro/Macro I & II, Calc I, Stats I & II, Engineering Economic Analysis

### LEADING Hispanics, USDA

*Research Assistant*

June 2024 – Present

Mayaguez, PR

- Research the corrolation of living in a food desert and obtaining cronic deseaises
- Additionally mesured its spillover effects, that is teh effects of living near a food deseaises

### Experimental Agriculture Station, UPRM

*Lead Developer*

June 2024 – Present

Mayaguez, PR

- Tasked in leading a team of 5 software engineer in creating interative websites for the Experimental Agriculture Station
- Tasked in creating varios forms for gathering detailed survey data from agriculters
- Tasked in estimating the overall caloric intake by county for Puerto Rico and displaying them as a map

### Puerto Rico Planning Board

*Lead Developer*

June 2024 – Present

Mayaguez, PR

- Tasked in leading a team of 15 engineers in creating various data procesing pipelings to download, process, and visoulace the data
- Tasked in automaticaly downloading data from vaoiuse sources and store them in a SQL Database as a time series in monthly, quarterly, yearly and fiscal year
- Tasked in designing sistems to automaticaly package the software, create unit testing, upload them to a docker registry and deploy them as production containers.

## AWARDS & PUBLICATIONS

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### Medal of the Department

Aug. 2023

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- Awarded for excellence in research while maintaining a GPA above 3.5.

### 2nd Place, Agriculture Conference

June 2025

- Recognized for best economic research among master's students.

### Economic Report to the Governor

Sept. 2021 – May 2022

- Received fellowship to research sustainable agricultural practices in Puerto Rico.

### X Jornadas Internacionales de enseñanza

July 2023

*University of Salamanca, Spain*

- Co-authored "*Price Volatility and Farmer Decision-Making in East Africa*".
- DOI: [doi.org/10.14201/0AQ0368](https://doi.org/10.14201/0AQ0368)

## SKILLS & INTERESTS

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**Skills:** Python, Rust, R, STATA, SQL, GIT, ML, GIS, GAM, Docker, DEVOPS, NIX, ML, PYMC

**Interests:** Macroeconomics, Spatial Econometrics, Bayesian Inference, Time Series, Causal Inference

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