

# JOAN COSTA RODRIGUEZ

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## EDUCATION

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### **MSc Economics, BARCELONA SCHOOL OF ECONOMICS**

Sept. 2025 – Jul. 2026

*Average Grade: TBD*

- Relevant Courses: Econometric Methods I, Microeconomics I, Foundations of Data Science, Econometric Methods II, Topics in Applied Economics I: Development Economics (PhD course), Geospatial Data Science and Economic Spatial Models, Macroeconomics I.

### **BSc Economics, POMPEU FABRA UNIVERSITY**

Sept. 2021 – Jun. 2025

*Top 6% of Class, Ranked 8th/131, Average Grade: 8.37/10*

- Excellence in: Advanced Macroeconomics, Seminar Paper, Financial Economics, International Economics, Programming, Forecasting Techniques, Regulation and Competition Policy, Economic Development, Introduction to Business Law, Final Degree Thesis.

### **Exchange Programme, THE UNIVERSITY OF EDINBURGH**

Sept. 2024 – Dec. 2024

*Average Grade: First Class Honours*

- Completed the courses: Topics in Microeconomics, Economic Aspects of Competition Policy, Development Inequality and Trade.

### **Advanced Quantitative Methods Track, POMPEU FABRA UNIVERSITY**

Mar. 2024 – Jun. 2025

*Average Grade: 9.05/10*

- Focused on Data Science, Operations Research, and Statistical Methods.

- Courses: Game Theory, Programming I, Regulation and Competition Policies, Forecasting Techniques, Computational Marketing, Modern Statistical Computing.

## RESEARCH INTERESTS

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Development Economics, Urban Economics, Inequality

## RESEARCH EXPERIENCE

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### **Market Access and Regional Inequality: Evidence from Brazil's Capital Relocation**

*Bachelor's Thesis Awarded with Honours*

**Abstract:** This study uses Brazil's capital relocation to Brasília as a natural experiment to examine the effect of market access on regional inequality. The move led to significant infrastructure development, especially highways, reducing trade costs nationwide. The analysis finds that increased market access amplified inequality in industrial regions, while rural regions saw a weaker effect. Indices of inequality and market access are constructed from official data sources.

### **Ideology and Age: A Perspective Across Multiple Generations in Spain, the United Kingdom, and the United States**

*Research Paper, Pending Publication*

**Abstract:** This paper investigates ideological shifts across generations using survey data from Spain's CIS, and comparative data from the UK and US. It tracks the political evolution of Post-War Children, Baby Boomers, Gen X, and Millennials, revealing a tendency for younger generations to lean left in youth and shift rightward with age. The study explores the role of economic, historical, and social variables, emphasizing Spain's unique political context.

## EXTRACURRICULAR ACTIVITIES

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### **Secretary of External Affairs, EUROPEAN UNION SOCIETY**

Sept. 2023 – Sept. 2024

- Developed and organized public association events with external speakers.  
- Member since Oct. 2022.

### **Speaker and Commentator, UNIVERSITAT SANT JOAN DESPÍ**

Jan. 2023 – Jun. 2024

- Delivered lectures and participated in public debates.  
- Obtained valuable experience on research and debating.

## WORKING EXPERIENCE

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### **Data Researcher, DOW JONES**

Jul. 2024 – Sept. 2024

- Worked in Factiva and Due Diligence divisions.
- Specialised in the research of state-owned companies and OFAC-sanctioned entities.
- Created over 300 different profiles from the data of state-owned firms and its subsidiaries.

### **Private Math and Physics Tutor**

Sept. 2021 – May 2023

- Provided personalized tutoring to students aged 16–18 in mathematics and physics.

## LANGUAGES

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**Catalan and Spanish (Native)**

**English (CAE)** – C1, Score: 192

**French (DELF)** – B1, Score: 78.5

## SKILLS & INTERESTS

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**Programming:** R, Python, Stata, Matlab.

**Interests:** Economics, Sports, Reading, Physics.