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# Andres R. Oats Garcia

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## EDUCATION

### **Bachelor of Science (BSc), Econometrics and Mathematical Economics** Sep 2022 - Jul 2025

*London School of Economics and Political Science (LSE), London*

Expected to graduate in July 2025 with First Class Honours.

J R (Bob) Gould Prize for Best Performance in EC1P1 Economics.

Top modules: EC1P1 Economics (91), MA100 Mathematical Methods (88), MA214 Algorithms and Data Structures (88), MA102 Mathematical Proof and Analysis (84).

### **A Levels & GCSEs**

Sep 2015 - Jul 2022

*Lawrence Sheriff School (LSS), Rugby*

**2022:** A Levels: Mathematics (A\*); Further Mathematics (A\*); Economics (A); Computer Science (A\*); Spanish (A\*); Extended Project (A\*).

## RESEARCH EXPERIENCE

### **Distributional Impacts of Monetary Policy**

*In progress*

*Undergraduate Dissertation*

*Supervisor:* Prof. Jonathon Hazell

- Examined the impacts of monetary policy in the UK on household consumption behaviour across the income distribution using a high frequency identification approach à la Jarocinski & Karadi (2020) and Cesa-Bianchi et al. (2020).

### **Student Engagement with Discussion Forums**

*Jul 2024*

*LSE Change Makers*

- Analysed student engagement with discussion forums using an anonymised dataset on forum usage and a survey of Department of Economics students.
- Communicated our findings to senior leadership across the LSE, and agreed recommendations to be taken forward with relevant stakeholders (LSE and LSESU).

### **The Causes of Revolutions**

*Mar 2023*

*LSESU Data Science Society*

- Collaborated with a 4 person research team to examine the causes of political and social unrest using machine learning techniques in Python.
- Presented our research to the society and professors from the LSE's Data Science Institute and won best presentation for our research.

### **Rational Addiction Applied to Procrastination**

*Feb 2023*

*LSE Department of Economics*

- Conducted a review of the rational addiction literature, developed by Becker and Murphy (1988).
- Developed a model of procrastination using a rational addiction framework, as part of a group of three, and presented our model to the project group.

## OTHER EXPERIENCE

### **Tutor**

**Jan 2023 - Present**

*Self Employed*

*Virtual*

- Taught students between the ages of 9 & 18 to achieve in the 11+, GCSE Maths and A Level Economics.

### **Actuarial & Investment Consulting Summer Intern**

**Jul 2024 - Aug 2024**

*Barnett Waddingham*

*Birmingham*

- Drafted investment monitoring reports for clients with c£500m in assets, attended meetings with investment managers and took part in strategy reviews for schemes with >£200m in assets.
- Conducted transfer value calculations for members, worked on actuarial valuations of schemes.

## VOLUNTEERING & SKILLS

### **Volunteering**

Peer Supporter (LSE, 2024-2025), Student Academic Mentor (LSE, 2023-2024), Mentor (LSS, 2021-2022), Volunteer Shop Assistant (Age UK, 2018-2019)

### **Programming**

Python, R, Stata,  $\LaTeX$

### **Languages**

English (native), Spanish (native), French (intermediate), German (intermediate)