

# GUIDO ANTHONY ROMERO

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## EDUCATION

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### Universidad EAFIT, Medellín, Colombia

Jul 2017 - Dec 2021

*B.Sc. in Economics (4.46/5.00 GPA)*

- Quantitative Economics track including: Mathematical economics (static and dynamic optimization), Advanced Econometrics I and II (asymptotic theory, maximum likelihood estimation, VAR models, spatial econometrics, binary and multinomial response models, censoring and truncation), Advanced Macroeconomics II (RBC and DSGE models). I also took all of my three complementary classes in financial topics.

## SKILLS

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**Languages:** English, Spanish

**Programming:** (Intermediate) L<sup>A</sup>T<sub>E</sub>X, R, Python, Stata

## RESEARCH EXPERIENCE

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### Central Bank of Colombia, Medellín

Jan 2021 - June 2021

*Internship as Research Assistant*

- Responsibilities included: Literature review, data analysis and visualization, running econometric models and building tables of results. All work was made in Stata.

## WORK IN PROGRESS

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**“An alternative measure of financial risk.”**

*B.Sc. Thesis.*

*Advisors: Henry Laniado-Rodas & Vivian Cruz.*

- To be submitted for potential publication in an international peer-reviewed journal. All analysis was completed using the Python programming language.

**“Education as the transformation engine of economies: ¿Quantity or Quality?”**

*Universidad EAFIT financed research project*

*Advisors: Mónica Ospina & Thomas Goda.*

- To be submitted for potential publication in an international peer-reviewed journal. All analysis was completed using the R programming language.

## LEADERSHIP AND COMMUNITY INVOLVEMENT

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### SIEDE - Universidad EAFIT, Medellín

Jan 2020 - Nov 2020

*Undergraduate Student Coordinator*

- Responsibilities included supporting new students in order for them to build their skills and experience, and assisting the professor in charge in anything related to the group. Encouraging other students to try the field of research, for example teaching them how to analyze data in R, Stata or creating an appropriate literature review.

### SIEDE - Universidad EAFIT, Medellín

Jul 2018 - Nov 2019

*Research Assistant*

- Responsibilities included creating a literature review, searching and organizing data, and running models. The first part was made in Stata, but I wanted to develop my skills in R, so the rest of the project was built in that language.

- The research project was titled: “The education as the transformation engine for economies: ¿Quantity or Quality?” The goal was to evaluate the effect of education over economic complexity, measured by the Observatory of Economic Complexity, using panel data estimations.

**Universidad EAFIT, Medellin**  
*General Macroeconomics, Undergraduate Teaching Assistant*

*Jan 2019 - Jun 2019*

**Universidad EAFIT, Medellin**  
*General Microeconomics, Undergraduate Teaching Assistant*

*Jun 2018 - Nov 2018*

**Universidad EAFIT, Medellin**  
*Introduction to Economics, Undergraduate Teaching Assistant*

*Jan 2018 - Jul 2018*

## **FURTHER EDUCATION**

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**University of Illinois at Urbana-Champaign** *Jan 8th-9th, 2019*  
- Case-Project “Business and Economics in Colombia.” The project had a total workload of 15 hours of dedication divided between project worktime and lectures.

**Universidad EAFIT** *Jun 12th-15th, 2018*  
- Analysis and Visualization using Excel and Power BI.

## **WORK EXPERIENCE**

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**Bilateral** *March 2017 - June 2017*  
*Bilingual Call Center Operator*  
- Duties included interacting with elderly patients and directing them to the relevant resources.

## **ACHIEVEMENTS AND AWARDS**

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- National Economics Olympiads of Colombia (2021), *sixth* place among 40 participants (from all around the country).
- Regional Economics Olympiads of Antioquia, Colombia (2019), *second* among 15 participants (classified from their own University’s Olympiads).
- Economics Olympiads of Universidad EAFIT (2019), *first* place among 10 participants.