

# JAFET ALEJANDRO BACA OBANDO

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## Education

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### Universidad Centroamericana (UCA), Nicaragua

*Conferral date: Apr. 2021*

BACHELOR'S DEGREE IN APPLIED ECONOMICS

- GPA: 97.21/100.00, Magna Cum Laude distinction.
- Thesis title: Trade Configuration and External Constraint: Do Intermediate Imports Reduce or Enlarge the Economic Growth of Nicaragua?

## Technical Skills

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**Text compilers:** Microsoft Office Word (advanced), Google Docs (advanced), L<sup>A</sup>T<sub>E</sub>X(advanced)

**Statistical software:** Stata (advanced), EViews (advanced), R (intermediate), Python (intermediate), SQL (introductory)

**Languages:** Spanish (native), English (advanced, TOEFL iBT: 99/120; Duolingo English Test: 135/160)

## Relevant Professional Experience

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### CONSULTANCY

#### Fundación Nicaragüense para el Desarrollo Económico y Social (FUNIDES)

*Jul. 2020 - Jun. 2021*

JUNIOR ECONOMIST OF QUANTITATIVE ANALYSIS

- Construction of blogs and technical/informative notes on the socio-economic impact of the COVID-19 pandemic in Nicaragua and Latin America.
- Literature review and writing of chapters associated with the COVID-19 context and contagion forecasts in the April 2020, August 2020, December 2020 and May 2021 Situation Reports.
- Report preparation: Situation of the Nicaraguan Tourism Sector during Easter 2021; Monthly Situation Reports; Assessment of Nicaragua's progress toward Sustainable Development Goals (SDG) 1, 2 and 10.
- Data management, cleaning, and formatting of COVID-19 pandemic figures from varied sources (Johns Hopkins University, Bloomberg, The New York Times COVID-19 Tracker, Nicaraguan COVID-19 Citizen Observatory) using R.
- Analysis and data extraction from Quarterly Budget Settlement Reports of Nicaragua for 2006-2021 using R.
- Research assistance for the working paper "Nicaragua on the Move: Analysis of Protests 2016-2020".

### INTERNSHIP

#### Fundación Nicaragüense para el Desarrollo Económico y Social (FUNIDES)

*Jul. 2019 - Jul. 2020*

JUNIOR ECONOMIST OF SOCIAL STUDIES

- Data cleaning, processing, and statistical analysis of the "2019 Multiple Purposes Social Survey" using Stata.
- Survey design and data management of the "Current Situation of Youth in Nicaragua Survey" using Stata.
- Research assistance for the documents "Current Situation of Youth in Nicaragua, 2019," and "PROGRESA-Caribe, Final Evaluation Report."
- Literature review and writing of studies "Migration and Forced Displacement Dynamics of Nicaraguans in the Context of the Socio-Political Crisis," "State of Social Cohesion in Nicaragua 2019," and "Reflections on the Nicaraguan Educational System."

## Volunteering and Teaching Assistance

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### Academia Sabatina de Jóvenes Talento Nicaragua

*2016 - present*

EUCLIDEAN GEOMETRY INSTRUCTOR

- Lectures on problem-solving strategies; problem and exam design aimed at selecting Nicaraguan delegations for international mathematical competitions.

### Universidad Centroamericana (UCA)

DIFFERENTIAL AND INTEGRAL CALCULUS MONITOR

*Feb. 2019 - Jun. 2019*

- Additional calculus lessons for first-year Applied Economics students.

TEACHING ASSISTANT

- Econometrics II (Time Series Econometrics), Prof. Alvaro López-Espinoza, M. Sc.
- Macroeconomics II (Intermediate Macroeconomics), Prof. Camilo Pacheco, M. Sc.

*Aug. 2020 - Nov. 2020*

*Jan. 2020 - May 2020*