

JAFET ALEJANDRO BACA OBANDO

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in jbakaob

Education

Universidad Centroamericana (UCA), Nicaragua

Jan. 2016 - Dec. 2020

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

Text compilers: Microsoft Office Word (advanced), Google Docs (advanced), L^AT_EX(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

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

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