



I am a polymath, empathetic, proactive and pragmatic individual. I am skillful with teamwork, however I usually opt for a wide degree of autonomy and time flexibility. I like challenges and I seek them actively. I am currently involved in research, showing special prowess at mathematical modeling and computer programming tasks. Furthermore, as a competent and active social volunteer, I have direct experience interacting with vulnerable population and designing and implementing social development and educational projects at local scale. I am confident carrying out complex quantitative or qualitative analyses, specially in fields such as applied micro- or macroeconomics, and public policy.

ACADEMIC INTERESTS

Public Policy
Social Networks
Behavioral Economics
Algorithmic Statistics
Computer Science
Political Economy
Community Socioeconomics
Philosophy of Economics

PERSONAL PROJECTS

Kampagne für
Frieden in Kolumbien
sos-colombia.de

Cordillera EV
cordillera.eu

Nicolas E. Fajardo-Acosta

EDUCATION

Economics (M.Sc.)

2019 – 2021

Diss. “Scaling Up Preschool Education: A Semiparametric Estimation of its Effect on Early Learning Outcomes in Peru”

Diss. supv. Prof. Lena Janys

Faculty of Law and Economics

Bonn, DEU

RHEINISCHE FRIEDRICH-WILHELMS-UNIVERSITÄT BONN

Advanced modules

Computational Statistics, Public Economics, Labor Economics, Growth and Development Economics, Banking and Securitization, Behavioral Public Policy. Research emphasis in Applied Microeconomics.

Economics (B.Sc.)

2014 – 2019

Faculty of Economic Sciences [FCE]

Bogotá, COL

UNIVERSIDAD NACIONAL DE COLOMBIA

Advanced modules

Post-Keynesian Macroeconomics. History of Biological Thought. Critical Perspectives on Economic Theory. Dynamic Programming. Computational Economics. Project Design, Management and Evaluation. Economics and Politics of Sustainability. Behavioral Economics. Finance, Crises and Inequality. Microeconometrics. Advanced Growth Economics. Economic Theory and Policy, Design Thinking, Epistemology of Psychology.

PROFESSIONAL EXPERIENCE

Short-Term Consultant

10/2021 – 03/2022

Trade and Integration Unit

Supvs. Drs. Isabela Manelici, José P. Vásquez and Román D. Zárate

Development Economics Vice Presidency

Remote

WORLD BANK GROUP

Duties

Develop algorithms to match highly irregular databases, using a mix of manual matching and regular-expression rules. Support the research process in all its stages.

Research Assistant

11/2019 – 01/2022

Worked for Drs. Stephanie Majerowicz, Román A. Zárate, Franz Ostrizek, Armin Falk among others.

Bonn, DEU

BEHAVIOR AND INEQUALITY RESEARCH INSTITUTE [BRIQ]

Duties

Clean and manage large databases, ranging between 1 and 25 million observations. Implement and execute multiple estimators of treatment effects using Machine Learning and parallelized algorithms. Complete plots and proofs using Wolfram Mathematica. Review relevant literature on Economics of Education, Social Networks and Moral Action.

Investments Analyst

01/2019 – 08/2019

Front Office

Supv. Andrés Enrique Rodríguez Arévalo

Investments Department

Bogotá, COL

SOCIEDAD FIDUCIARIA DE DESARROLLO AGROPECUARIO S.A.

Duties

Analyze the economic behavior of local and international markets. Design strategies and value fixed-income investment portfolios. Develop econometric models for forecasting. Write and present briefing papers and reports, including Daily Market Dashboards. Lead biweekly internal meetings on current macro-financial developments. Communicate with clients, market analysts and traders.

Intern

01/2018 – 12/2018

Economic Policy Studies Department

Supv. Norberto Rodríguez Niño

Office of the Deputy Technical Governor

Bogotá, COL

BANCO DE LA REPÚBLICA DE COLOMBIA

Duties

Gather, clean, reshape and analyze databases. Implement structural and semi-structural econometric models, such as State-Space representations, VAR and VAR-X. Execute panel data estimators. Develop algorithms for mathematical optimization, web scraping and text mining. Estimate bayesian DSGE models. Review relevant literature on analysis and evaluation of Monetary Policy.

Nicolas Fajardo

SKILLS

PERSONAL

Resolute, reasonable, social, empathetic, innovative, agile, insightful, autonomous.

COMMUNICATIVE

Spanish C2
English C1
German B2/C1
French A1

PROGRAMMING

R, Python, Matlab (Octave), Maxima (Mathematica), Stata, \LaTeX , OTree, Dynare, SAS, PostgreSQL, HTML, CSS, Javascript, Microsoft Office.

PERSONAL INTERESTS

Social intervention
Communal work
Music [Violin & Guitar]
Performing arts
Aerial silk
Poetry and creative writing
Graphic design
Ecological conservation
Permaculture

ACADEMIC REFERENCES

Prof. Dr. Phillip Eisenhauer
Universität Bonn
peisenha@uni-bonn.de

Prof. Lena Janys
Universität Bonn
ljany@uni-bonn.de

PROFESSIONAL REFERENCES

Asst. Prof. Isabela Manelici
London School of Economics
i.manelici@lse.ac.uk

Asst. Prof. Román A. Zárate
University of Toronto
ra.zarate@utoronto.ca

Asst. Prof. Stephanie Majerowicz
Universidad de los Andes
s.majerowicz@uniandes.edu.co

Markus Antony
Scientific Manager
briq Institute
markus.antony@briq-institute.org

COURSES AND SEMINARS

Participant

01/2020 *Basic course on Human Research*
Social & Behavioral Research Investigators
Massachusetts Institute of Technology Affiliates
Online COLLABORATIVE INSTITUTIONAL TRAINING INITIATIVE [CITI]

Participant

08/2019 • *Micro Data for Economic Policy and Development*
06/2016 – 07/2016 • *From Nudge to regulating Uber*
Homero Cuevas Seminar
Faculty of Economic Sciences [FCE]
Bogotá, COL UNIVERSIDAD NACIONAL DE COLOMBIA

Participant

02/2019 – 03/2019 • *Territorial Actions on Peace-building*
03/2019 – 04/2019 • *Participatory Policy-making*
District Institute for Participation and Communal Action
Online ALCALDÍA MAYOR DE BOGOTÁ D.C.
in cooperation with
UNIVERSIDAD NACIONAL ABIERTA Y A DISTANCIA

Participant

08/2018 – 09/2018 3th Certificate Course on Informal Settlements:
Impact, Participation & Community development
Bogotá, COL FUNDACIÓN TECHO - COLOMBIA

Speaker

10/2017 “Social innovation & Microcredit:
¿Are we financing the *status quo* of poverty?”
VIII International Public Policy Colloquium:
Public Policy Implementation and Peace-building
Bogotá, COL UNIVERSIDAD NACIONAL DE COLOMBIA

Participant

01/2017 • *International Financial Markets*
01/2017 • *Financial Mathematics*
Unit of Analysis on Economic Sciences [UACE]
Bogotá, COL UNIVERSIDAD NACIONAL DE COLOMBIA

PUBLICATIONS

Working papers

02/2019 “Inflows of International Tourists to Colombia during 2001-2017:
Evolution, Characteristics and Determinants”
(with C. Agudelo, C. González, E. Montes & N. Rodriguez)
BORRADORES DE ECONOMÍA: BANCO DE LA REPÚBLICA N° 1064

Manuscripts

08/2017 “Social innovation & Microcredit:
¿Are we financing the *status quo* of poverty?”
(with S. Espinosa-Moyano & D. Gantiva-Parada)
ECONOGRAFOS: ESCUELA DE ECONOMÍA FCE - CID N° 113

AWARDS AND SCHOLARSHIPS

Scholarship holder

10/2019 – 09/2021
Bonn, DEU
Scholarship Program for Foreign Students
KONRAD-ADENAUER STIFTUNG

Top 10 pct. Graded Average: *Economics*

08/2019
Bogotá, COL
Undergraduate Degree Earners in 2019-01
Faculty of Economic Sciences [FCE]
UNIVERSIDAD NACIONAL DE COLOMBIA

Best score: *at National level*

12/2018
Bogotá, COL
Reference group: *Economics*
SABER-PRO 2017 “La Noche de los Mejores”
Test on the Quality of Higher Education
MINISTERIO DE EDUCACIÓN NACIONAL

Participant

08/2018 – Present
Bogotá, COL
Seedbed of Talents
FUNDACIÓN COLFUTURO

EXTRACURRICULAR ACTIVITIES

Participant

03/2020 – 09/2021
Bonn, DEU
“Ausbildung von in Deutschland lebenden
Lateinamerikanern/innen als Multiplikatoren/innen
für die entwicklungspolitische Bildungsarbeit”
Modules: Water, Energy and Climate, Displacement and
Migration, and Consumption.
LATEINAMERIKA-ZENTRUM E.V.
Duties *Design multiple didactic resources for school children to address world’s current most pressing challenges from both German and Latin American perspectives.*

Volunteer

02/2018 – 09/2019
Bogotá, COL
• Communal Work Manager
• Peace Education Program Coordinator
• Environmental Sustainability Program Member
Neighborhood “los Laureles”, loc. San Cristóbal
Division of Community Experience
FUNDACIÓN TECHO - COLOMBIA
Duties *Design, manage and evaluate Community Development Projects. Create and implement strategies aimed to enhance abilities and capacities related to Peace and harmonious coexistence between children and teenagers living in informal settlements. Plan social intervention procedures with vulnerable population. Lead large groups of volunteers on the field. Instruct and inspire new volunteers through structured seminars. Organize, plan and execute large-scale events.*

Volunteer

04/2017 – 04/2019
Tenjo, COL
Environmental Planning
ITACA: ESPACIO ECOCULTURAL
Duties *Plan reforestation and environmental recovery actions on damaged over-exploited zones. Lead groups of volunteers on the field. Instruct volunteers on how to seed, transplant and care saplings.*

Nicolas E. Fajardo-Acosta
March 17, 2022