Yoseph Ayala

+51 972 026 534 | yoseph.ayala@pucp.edu.pe | netlify.app/yosephayala | github.com/Yoseph10

EDUCATION

BS Economics 2016-2021

Pontificia Universidad Católica del Perú (PUCP) *Lima, Perú*

Diploma in Data Science for Social Sciences and Public Policy 2021-2022

Pontificia Universidad Católica del Perú *Lima, Perú*

EXPERIENCE

Research Consultant Dec. 2021 – Present

Columbia University in The City of New York *Remote*

- Research Assistant for Professors Michael Best (Columbia), Jonas Hjort (UCL) and Gaston Pierri (IADB)
- Working on a randomized controlled trial and a Machine Learning algorithm

Data Science Research Assistant March 2021 – Nov. 2021

Laboratorio de Inteligencia Artificial y Métodos Computacionales PUCP *Lima, Perú*

- Developing Dashboards with R and databases with Stata
- Teaching training courses in Python and R

Economic Research Assistant June 2020 – March 2021

Independent *Remote*

- Research Assistant for Max Perez Leon (PhD Yale)
- Studies on Causal Inference and Machine Learning

Economic Research Assistant May 2019 – July 2019

Department of Economics of the Pontificia Universidad Católica del Perú *Lima, Perú*

- Studies on monetary and multidimensional poverty
- Study of the evolution of poverty in Latin America since the 1980s

ACADEMIC ACHIEVEMENTS

Award for Academic Excellence | *Pontificia Universidad Católica del Perú*

- First-class honors. Rank in the Economics Department: 1 out of 81

Undergraduate Scholarship - Beca 18 | *Pronabec*

- Scholarship for academic excellence

KNOWLEDGE IN ECONOMETRICS AND DATA SCIENCE

Advanced Microeconometrics

- Management of experimental and non-experimental methods for causal estimation

Machine Learning

- Management of supervised learning models

Advanced Courses

- Master in Economics PUCP: Advanced Econometrics, Cross Section and Panel
- Laboratorio de Inteligencia Artificial y Métodos Computacionales PUCP: Advanced Applied Econometrics for Social Sciences

SKILLS

Programming: Python, R, Stata, Matlab
Other: GitHub, LaTex/Lyx
Languages: Spanish-Native speaker, English-Advanced level