ANZONY QUISPE ROJAS

SMP - Lima - Peru

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EDUCATION

Universidad Nacional Agraria La Molina (UNALM), Lima　　　　　*March 2015 - Present*
B.S. Economics

Pontificia Universidad Católica Del Perú (PUCP), Lima　　　　　*August - December 2019*
Visiting student of the Econometrics of Cross sectional and Panel course (Msc.).

EXPERIENCE

Yale University, Max Perez　　　　　July - Present
Research Assistant

· Writing functions in Julia, Stata, MATLAB, Python, and R to estimate the average treatment effect (ATE) using different approaches such as Matching Approach (Nearest Neighbor, Kernel), Regression Approach (Linear Model, Sieves Functions), and Partial Linear Model on regression discontinuity designs.
· Generation of a library with all the functions written in Python with Visual Studio.
· Generation of heat plots in Python and MATLAB.
· Writing code for machine learning methods such as Random Forest in Python, Perceptron, K-Nearest Neighbors, Ridge and Lasso regression.
· Use of Python packages such as Pandas, Numpy, Matplotlib, Seaborn, Scipy, OS.
· Use of Julia packages such as NBInclude, LinearAlgebra, Statistics, Compat, Dataframes, CSV.
· Use of R packages such as ggplot2, tdyr, data.table, dplyr.
· Use of STATA packages such as kmatch, and working with matrices in Mata.
· Literature review of papers which applied Machine Learning to measure causal effects.

Harvard University, Alexander Quispe　　　　　March - May 2020
Research Assistant

· Writing programs in STATA for cleaning data and generation of graphics.
· Generation of tables with esttab.
· Text mining of large databases of german schools and municipalities with regular expressions.
· Geolocation of german schools and municipalities by using opencagegeo package.
· Geolocalization of Switzerland cities with Bing and Google API.
· Web scrapping of the Consejo Nacional de Población (México) webpage with Selenium Library in Python.
· Web scrapping of the World Fertility Survey webpage with Selenium library in Python.
· Plotting Pakistan cities with spmap in STATA.
· Literature review of papers related to COVID-19.

UNALM, Lima,　　　　　September - December 2019
Research Assistant

· Literature review in English and Spanish of experimental designs and survival models applied to agriculture.

UNALM, Lima, UEFZ   August - October 2019
Database Administration

· Writing sell informs and presentation of graphics with Excel.

UNALM, Lima, Carlos Orihuela - Alvaro Ortiz   January - December 2018
Research Assistant

· Cleaning data and statistical analysis of databases such as National Registry of Municipalities (RE-NAMU) and National Survey of Budgetary Programs (ENAPRES) with dplyr package in R.

COMPUTER SKILLS

Programing	Python, R, Julia, Matlab, MySQL, Stata
Others	MS Office, Latex, SPSS

LANGUAGES

Spanish	Native langauge
English	Advanced level
German	Basic level

HONORS

Winner of the 2018 UNALM Junior Research Contest: "Determinants of the recycling decision in the families of Peru: Evidence from the ENAPRES survey of 2017".

Academic excellence, top 10%, UNALM (2015-2016-2017-2018-2019)

WORKSHOPS

Contingent valuation of natural resources - Carlos Palomares y Carlos López - UNALM.

INTERESTS

Natural Language Processing

Data Anlytics

Machine Learning

Econometrics

VOLUNTEERING

I belonged to a student group at my university (EcosUNALM) that sought to promote the economics degree in schools. In addition, we organize conferences and interviews in conjunction with the Department of Economics.

Currently, I serve in a local church as a teacher of children. I teach and write stories for different activities.

PERSONAL CHARACTERISTICS

Communicative, proactive and empathetic.

Ability to work under pressure.

REFERENCES

Ph.D. Max Perez Leon. NERA Economic Consulting. Email: max.perez.leon@nera.com.

Research Assistant. Alexander Quispe. Max Planck Institute for Innovation and Competition. Ludwig Maximilian University of Munich. Email: alexander.quispe@pucp.pe.

Prof. Dr. Carlos Enrique Orihuela. Department of Economics UNALM . Email: corihuela@lamolina.edu.pe.