CARLOS CESAR CHAVEZ PADILLA

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EDUCATION

Universidad Nacional de Ingenieria, Lima

Faculty of Economic Engineering, Statistics and Social Sciences

- Master in Financial and Banking Econometrics *September 2018 - Present*

- Diploma in Applied Econometrics *September 2018 - Dec 2018*

- Diploma in Finance. *March 2018 - Sep 2018*

Massachusetts Institute Technology *September 2019 - Present*

Online Master in Data, Economics, and Development Policy .

Universidad Nacional Mayor de San Marcos, Lima

Faculty of Economic Sciences *March 2013 - Dec 2017*

Bachelor in Economics. Graduated with honors

WORK EXPERIENCE

Inter-American Development Bank, Washington, D.C Aug 2019 - Current

Research Consultant:Executive Secretariat of Inter-American Development Bank Retirement Plan

Evaluation of the Local Retirement Plan (Liabilities) as an integral assessment of the Plan's asset-liability:

1. Lead the analysis and evaluation of long-term economics assumptions the Inter-American Development Bank Local Retirement Plan.

2. Performed Statistical analysis on the effects of inflation in currency exchange rate in member countries where the LRP applies.

3. Designed the implementation of the tests and stress-tests in the valuation of the Local Retirement Plan liabilities.

Inter-American Development Bank, Washington, D.C Jun 2019 - Aug 2019

Intern: (Selected out more than one hundred participants)

Implemented the design and development of automated reconciliation reports (financial and demographic) for the various assets funds of the Plans and identified opportunities to obtain rapid efficiency gains in an automated way. Reported the quality control of the financial and demographic information of the Plans in the Secretariat.

Research Center of the Universidad del Pacfico, Lima Sep 2018 - May 2019

Research Consultant

Research assistant in economic development issues with emphasis on the labor market, economic inequalities and climate change.

Supervisory Organization of Private Investment in Telecommunications, Lima Jan - Aug 2018

Intern

Researched documents, database collection, inferential analysis and multivariate regression in R and in Stata as well as in the elaboration of quality indicators in the area of Economic Research of Policy and Regulation Management

Ministry of Women and Vulnerable Populations, Lima   Jun - Nov 2017
Intern

Developed of a database on specialized topics on violence against women and child health. Prepared working documents for the Monitoring and Evaluation Office of the Ministry

RESEARCH EXPERIENCE

Published Paper[1]

1. Chavez C.(2018). Estimacion de los efectos de la violencia fisica haca la mujer en la salud familiar en el Peru. Pensamiento Critico, 23(1), 7.

Forthcoming papers

1. Estimation of determinants of the informality in Latin America (1980-2014): An empirical historical analysis.

2. Estimation of the impact of monetary policy and fiscal policy on the stock market in emerging countries.: A SVAR model
In review at International Finance Review (Q2)

3. The impact of El Nino phenomena on dry forest-dependent communities welfare in the northern coast of Peru
In review at Journal of Ecological Economic

4. Determinants of Real Exchange Rate: An analyisis from macroeconomic internal factors in Latin American countries
Economic Change and Restructuring Journal (Q2)

6. The impact of macroeconomics factors on real exchange rate in Latin America: A dynamic panel data analysis
In review at Journal of Economics Structures(Q2)

7. How is the dynamic impact of Undervaluation on Economic Growth for Latin American Countries?: A Panel VAR analysis
In process

8. Effects of informality on Stock Exchange Market in Latin American: A dynamic analysis
In process

9. The relations between corruption and freedom economics
In process

10. How much difference is there between physical violence and psychological violence in the health of mother and child?
In progress

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[1]Click on the paper title

COMPUTATIONAL SKILLS

Modeling, Programming and Statistical Analysis:	Stata, R, Python and Matlab
Georeference and mapping:	ArcGis
Database:	MySQL

RESEARCH INTEREST

Macroeconomics, Labor Economics, Applied Econometrics, Development Economics

MEMBERSHIPS

Royal Economics Society and the Econometrics Society. (United Kingdom)

EXTENSIVE CONTINUOUS EDUCATION

Courses

Double certification in the management of Applied Bloomberg - Universidad Nacional de Ingenieria

Matlab for financial and economic analysis - Universidad Nacional de Ingenieria

Eviews 10 for econometric analysis - Lambda Group

Stata 14 for economists - Lambda Group

Financial Excel - Iddea Group

Applied Macroeconometrics - Lambda Group

Applied Microeconometrics - Lambda Group

Visual Basic Application - Cedhinfo

SQL Server for bussines intelligence - Cedhinfo

Specialization Programs

IBM Data Science Professional Certificate, Applied Data Science , **IBM**

- WHAT IS DATA SCIENCE?
- OPEN SOURCE TOOLS FOR DATA SCIENCE
- DATA SCIENCE METHODOLOGY
- DATABASES AND SQL FOR DATA SCIENCE
- Python for Data Science
- Data Analysis with Python
- Data Visualization with Python
- Machine Learning with Python
- Applied Data Science Capstone

Introduction to Scripting in Python, **Rice University**

- PYTHON PROGRAMMING ESSENTIALS
- PYTHON DATA REPRESENTATIONS
- PYTHON DATA ANALYSIS

- Python Data Visualization

Investment and Portfolio Management, **Rice University**

- Global Financial Markets and Instruments

- Biases and Portfolio Selection

- Biases and Portfolio Selection

- Investment Strategies and Portfolio Analysis

Investment Management, **University of Geneve**

- Understanding Financial Markets

- Meeting Investors' Goals

- Securing Investment Returns in the Long Run

- Portfolio and Risk Management

Financial Markets and Investment Strategy, **Indian Business School**

- Introduction to Financial Markets

- Portfolio and Risk Management

- Behavioral Investing

- Investment Strategy

Data Science in R, **John Hopkins University**

- The Data Scientists Toolbox

- R Programming

- Getting and Cleaning Data

- Exploratory Data Analysis

Online Courses

Analyzing economic policies - **IE Business School**

 Principles of Valuation: Risk and Return - **Michigan University**

Valuation: Alternative Methods - **Michigan University**

Corporate Finance Essentials - **IESE Business School**

Financial Engineering and Risk Management PartI - **Columbia Universtiy**

Trading Basics - **Indian Business School**

Trading Algorithms - **Indian Business School**

Fundamentals of Quantitative Modeling - **Rice University**

Practical Time Series Analysis in R - **The State University of New York**

Econometrics: Methods and Applications - **Erasmus University Rotterdam**

The R Programming Environment - **Johns Hopkins University**

Python Programming: A Concise Introduction - **Wesleyan University**

Programming for Everybody (Getting Started with Python) - **Michigan University**

Measuring Causal Effects in the Social Sciences - **Universidad de Copenhague**