

MARCO A. BADILLA MAROTO

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EDUCATION

University of Costa Rica (UCR)

Bachelor in Economics

Fall 2020 (with the highest honors, Class Rank: first)

ACADEMIC AND TEACHING EXPERIENCE

Teaching assistant (UCR)

Microeconomics I

Spring, Fall 2018

Professor: Édgar Robles, PhD (Director of Economics Postgraduate Program of UCR and former Superintendent of the Pension System)

Advanced Macroeconomics II, (Master's program)

(Python based course)

Fall 2018, Spring 2020

Professor: Randall Romero, PhD (Economist at the Central American Monetary Council)

Macroeconomics II

Spring, Fall 2019

Professor: Randall Romero, PhD

International Trade

Spring 2019

Professor: Alonso Alfaro, PhD (Senior Researcher at the Central Bank of Costa Rica, BCCR)

Macroeconometrics

Spring 2020

Professor: Randall Romero, PhD

Research assistant (UCR)

Effects of information and childcare services on employment

Winter, Spring 2020

Professor: Juan Robalino, PhD (Sub director of the Institute of Research in Economic Sciences, IICE)

Research assistant (BCCR)

Responsible sourcing

Summer 2020 - present

Researchers: Jose Vásquez, PhD (Postdoctoral Fellow, Princeton University), Isabella Manelici, PhD (Postdoctoral Fellow, Princeton University) and Alonso Alfaro, PhD (BCCR)

WORK EXPERIENCE

7 month Internship at the Central Bank of Costa Rica

Winter 2018 - Summer 2019

Price Indices Area: Development of Dynamic Forecast Models for several price indices; analyzing the feasibility and benefits of changing the Export Price Index calculation method for a more automatized and efficient process. Review of price indices' methodologies before publishing, development of macro econometric guides to study time series and R training to area personnel.

Department of Economic Research: Collaboration in the Report of Results of the Working Paper, The Effects of Joining Multinational Supply Chains: "New Evidence from Firm-to-Firm Linkages" by Alfaro, A., Manelici, I. & Vasquez, J., to the entities and firms that provided help and information in the previous investigation. Investigation of the evolution of wage inequality in Costa Rica through variance decomposition, counterfactuals and AKM Model.

Trade Data manipulation and analysis

Summer 2019 - 2020

Researcher: Jose Vásquez, PhD

4 month internship at the Ministry of Finance, Costa Rica

Spring 2020 - Summer 2020

Intern to the Ministry of Finance's Chief Economist

HONORS AND ACADEMIC ACHIEVEMENTS

Top 5 Admission Scores for the University of Costa Rica (2015): 795.55/800

Top Admission Scores for the Institute of Technology of Costa Rica (2015): 781.44/800

Highest annual GPA, School of Economics, University of Costa Rica (2016): 9.55/10

Highest annual GPA, School of Economics, University of Costa Rica (2017): 9.53/10

Highest annual GPA, School of Economics, University of Costa Rica (2018): 9.74/10

Letter of recognition for academic excellence given by the Director of the School of Economics-University of Costa Rica (May-2019).

Academic Excellence Scholarship at the University of Costa Rica (2016-2019).

Bachelor graduation with the highest honors and ranked first in the class (based on all courses).

OTHER ACHIEVEMENTS AND EXTRA-CURRICULAR ACTIVITIES

Saint Paul's School and High School Honor Society for permanent Honor Roll throughout education years. Twice full scholarship winner for highest annual GPA. Highschool class Valedictorian. Educational Institution awarded with the prize of the Best Private High School in Costa Rica for the comprehensive period 2012-2017.

Short Essay for Science Promotion in honor of the International Year of Crystallography (2014), sponsored by CIENTEC, Science and Technology Foundation: Third Place.

Elected by Economics student body to form part of the Plebiscitarian Assembly and to cast vote in the University of Costa Rica's 2020 Rectory election.

INTERESTS

Labor Economics, Income and wealth Inequality, Macroeconomics and Public Finance

SKILLS

Software & Programming Languages

Python, R, Latex, Matlab, STATA, EViews, MS Office
Spanish (native), English (fluent)

WORKING PAPERS

Reducing Wage Inequality through Gender Gaps: Good intentions and promising results, but do not force it too much

REFERENCES

Jose Vásquez, PhD

Postdoctoral Fellow, Princeton University
jpvc@princeton.edu

Isabella Manelici, PhD

Postdoctoral Fellow, Princeton University
manelici@princeton.edu

Édgar Robles, PhD

Postgraduate Economics Program (UCR)
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Randall Romero, PhD

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