

J. Pablo Franco
Melbourne, Australia
pablo.franco.dn@gmail.com

ACADEMIC BACKGROUND *Ongoing PhD in Decision, Risk and Financial Sciences*
Supervisors: *Carsten Murawski and Peter Bossaerts*
University of Melbourne
Melbourne, Australia. February 2017 - present.

Research Master in Cognitive and Clinical Neuroscience - Neuroeconomics Track (Cum Laude)
Maastricht University
Maastricht, Netherlands. August 2014 - August 2016.

Bachelor in Mathematics
Universidad de Los Andes
Bogotá, Colombia. January 2007 - October 2012.

Bachelor in Economics
Universidad de Los Andes
Bogotá, Colombia. January 2006 - March 2012.

WORK EXPERIENCE **University of Melbourne** May 2017 - present
Research Community Coordinator for R/Rstudio
Melbourne, Australia.

- Promote the use of digital tools, such as R/RStudio, in research.
- Manage the R community at the University of Melbourne.
- Conduct R/RStudio workshops.

CALTECH November 2015 - August 2016
(California Institute of Technology)
Research Internship in Professor Colin Camerer's lab
Pasadena, United States.

- Development of the Master's Thesis: *Using machine learning and mechanism design to improve efficiency of economic bargaining.*

Banco de la República September 2012 - June 2014
(Central Bank of Colombia)
Financial Stability Department Analyst
Bogotá D.C., Colombia.

- Research methods for the detection of price bubbles in different markets across the world.
- Monitor market and liquidity risk in the Colombian financial markets.
- Research underlying risks in the Colombian money market.

JPMorgan Financial Corporation February 2010 - January 2011
Risk department Trainee
Bogotá D.C., Colombia.

- Responsible for monitoring the firm's portfolio market risk.

- In charge of the elaboration of regulatory reports concerning the firm's risk exposure.

RESEARCH

Gomez-Gonzalez, J. E., Ojeda-Joya, J. N., **Franco, J. P.** and Torres, J. E. (2015), Asset Price Bubbles: Existence, Persistence and Migration. South African Journal of Economics. doi: 10.1111/saje.12108.

A study about the abilities to recognize patterns in the financial market

Graduation Project, Economics

Directed by Santiago Alonso, PhD student in Brain and Cognitive Sciences, University of Rochester.

Universidad de Los Andes, 2012.

Convex optimization models for the coherent management of risk in financial portfolios

Graduation Project, Mathematics

Directed by René Joaquín Meziat, PhD in Applied Mathematics, Universitat Politècnica de Catalunya.

Universidad de Los Andes, 2012.

Investment trend in Colombia in the long run

Paper presented in the VII Research Paper Contest: "Jesús Antonio Bejarano - Banco de la República".'

Semifinalist

Bogotá D.C., Colombia, 2008.

TEACHING EXPERIENCE

School of Business and Economics

February 2015 - April 2015

Maastricht University

Macroeconomics Tutor

Economics Faculty

January 2013 - December 2013

Universidad de los Andes

Advanced Microeconomics: Game Theory Teaching Assistant

Mathematics Department,

January 2012 - May 2012

Universidad de los Andes

Linear Algebra Teaching Assistant

Mathematics Department,

August 2011 - December 2011

Universidad de los Andes

Calculus 3 Teaching Assistant

Mathematics Department,

January 2010 - May 2010

Universidad de los Andes

Financial Mathematics Teaching Assistant

HONORS AND AWARDS

University of Melbourne - Henry Buck Scholarship for 2017

Highest scholarships score among the cohort entering to the Faculty's PhDs in 2017.

Melbourne, Australia - 2017.

University of Melbourne - Faculty of Business and Economics Graduate Research Scholarship

Scholarship to undertake the Phd in Decision, Risk and Financial Sciences.
Melbourne, Australia - 2017.

Full College Scholarship (2006-2010)

“Bachilleres for Colombia” ECOPETROL.

Best national high school exit exam - ICFES - state of Cundinamarca, 2005.

Colombian National Math Olympics

First place in 1999 and 2003; top ten places in 2001 and 2004.

International Math Olympics

Gold medal in the IV Olimpiada Bolivariana de Matemáticas (4th Bolivarian Math Olympics) - 2003.

COMPUTER SKILLS

Programming Languages and Software: Javascript, HTML, PHP, Java, MATLAB, R, Python, Unity 3D (C#).

EXTRACURRICULAR AND VOLUNTEER EXPERIENCE

University of Melbourne April 2017 - present
Member of the faculty of business and economics PhD student society.

Maastricht University November 2014 - October 2015
Student Representative (Neuroeconomics Track).

Colombia Crece January 2013 - December 2013
Volunteer work as high school Mathematics and English teacher.
Bogotá D.C., Colombia.

LANGUAGES

Spanish
Native Language

English
TOEFL IBT 110/120

German
Intermediate Level (Level B2.3 Goethe Institut, Bogotá D.C., Colombia- May 2013)