

TOMÁS LARROUCAU

BIBLIOGRAPHICAL INFORMATION

Name	Tomás Larroucau de Magalhaes-Calvet
Birth date	June/09/1988
Marital Status	Married
City of birth	Santiago, Chile
Address	4247 Locust Street, apt 825, Philadelphia PA.
Phone	+1 215 900 67 43
E-Mail	tlarroucau@gmail.com / tomasl@sas.upenn.edu
Skype Account	tlarroucau
Website	https://tlarroucau.github.io/

RESEARCH INTERESTS

Microeconomics and Market Design
Labor Economics and Education

EDUCATION

FROM	July 2015 — Current	
PROGRAM	PhD in Economics	Sixth year
UNIVERSITY	University of Pennsylvania	Philadelphia, USA
FROM	July 2015 — May 2018	
TITLE	Master of Arts	
UNIVERSITY	University of Pennsylvania	Philadelphia, USA
FROM	March 2010 — November 2013	
TITLE	Master in Management and Public Policies	
GRADUATION	Highest Distinction, Best Thesis in Public Policies, Grade¹ average 6.5, Rank: 1/29	
UNIVERSITY	University of Chile	Santiago, Chile
FROM	March 2007 — November 2013	
TITLE	Undergraduate Degree: Industrial Engineering	
GRADUATION	Highest Distinction, Grade average 7.0, Rank: 1/128	
UNIVERSITY	University of Chile	Santiago, Chile
FROM	March 2007 — December 2011	
TITLE	Bachelors Degree: Engineering Science in Industrial Engineering	
GRADUATION	Highest Distinction, Grade average 6.1, Rank: 2/132	
UNIVERSITY	University of Chile	Santiago, Chile

¹The numerical ratings are on scale 1.0 to 7.0, passing grade 4.0.

WORK EXPERIENCE

FROM	January 2014 — June 2015	
EMPLOYER	Sistema Único de Admisión	Santiago, Chile
	Consejo de Rectores de las Universidades Chilenas	
WORK	Researcher	
	Simulations, statistical analysis in research projects: predictability of standardized tests, applications with matching algorithms and development of High-school Rank formulas.	
FROM	October 2013 — December 2013	
EMPLOYER	Departamento de Evaluación, Medición y Registro Educacional (DEMRE)	Santiago, Chile
WORK	Associated Researcher	
	Research of applicants' profile of the most selective Chilean Universities.	
FROM	September 2013 — October 2013	
EMPLOYER	University of Chile	Santiago, Chile
WORK	Consultant	
	Development of matching algorithms to apply two affirmative actions at University of Chile: admissions for underrepresented poor students at University of Chile and for women in Engineering.	
FROM	June 2013 — August 2013	
EMPLOYER	DEMRE	Santiago, Chile
WORK	Main Researcher	
	Tech Report: "Efecto de la incorporación del Ranking de Notas en la selección universitaria".	
FROM	August 2011 — December 2011	
EMPLOYER	CIAE	Santiago, Chile
WORK	Research Assistant	
	Tech Report, FONIDE N° F511059: "Determinantes de la elección y deserción en la carrera de Pedagogía".	
FROM	January 2011 — February 2011	
EMPLOYER	Institute Complex Engineering Systems	Santiago, Chile
WORK	Programmer	
	Design and implementation of a matching algorithm to solve the Chilean College admissions problem.	

PUBLICATIONS

Working papers

Dynamic College Admissions and the Determinants of Students' College Retention (JMP) , with I. Ríos.

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Do “short-list” students report truthfully? Strategic behavior in the Chilean college admissions problem, with I. Ríos.

Improving the Chilean College Admissions System, with R. Cominetti, I. Ríos and G. Parra, in *Operations Research* (R&R).

College admissions problem with ties and flexible quotas, with R. Cominetti, I. Ríos and G. Parra, (working paper).

Published

Hunter-gatherers maintain assortativity in cooperation despite high-levels of residential change and mixing, with K. Smith, I. Mabulla, C. Apicella, in *Current Biology* 28 (19), 3152-3157, 2018

Effect of Including High-School Grades Rank in the Admission Process to Chilean Universities, with A. Mizala and I. Ríos, in *Pensamiento Educativo*, 52 (1), 95–118, 2015.

Estudio de los factores determinantes de la deserción en el sistema universitario chileno, in . *Revista Estudios de Políticas Públicas*, 1, 1 - 23, 2015.

In-Progress

Mistakes in College Admissions , with M. Martinez, C. Neilson, and I. Ríos .

The effects of Automation on the U.S Labor Market under ACA , with H. Fang, and A. Shephard.

Hybrid Dutch auctions and Toxic bonds , with T. Mylovanov, and R. Vohra.

Tech Reports

Efecto de la incorporación del Ranking de Notas en la selección universitaria, with I. Ríos and A. Mizala, DEMRE, 2013.

Ranking de Notas, Proceso de Admisión 2014, Sistema Único de Admisión, 2014.

CONFERENCES

2019 North American Summer Meeting / Econometric Society, Seattle, USA, 2019.

15th Workshop on Matching Practices in Europe, Mannheim, Germany, 2018.

Annual Meeting of the Economics Chilean Society, Reñaca, Chile, 2014.

Fourth Congress of Higher Education Research, Santiago, Chile, 2014.

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HONORS

Scholarship for Academic Excellence, Faculty of Mathematics and Physics, University of Chile, 2007.

Outstanding Student Prize, Faculty of Mathematics and Physics, University of Chile, 2007, 2008, 2009, 2010 and 2011.

Eugenio Lahera Prize: Best Thesis in Public Policies, 2014.

University of Pennsylvania Fellowship Department of Economics, University of Pennsylvania, 2016, 2017

Joel Popkin Award Graduate Student Teaching Prize in Economics, Department of Economics, University of Pennsylvania, 2017

Rodin Graduate Fellow 2018-2019

Maloof Family - Dissertation Fellowship in Economics 2020-2021

ADDITIONAL INFORMATION

General Purpose Programming Languages	Python 2.7, Java, C++
Statistical Analysis and Econometrics	R, Matlab, Rcpp, Stata
Text editing	Latex
Data Bases	SQL
Idioms	Spanish, English
TA Experience	Econometrics Introduction to Microeconomics IO
RA Experience	2017-2018 (Hanming Fang and Andrew Shepard) 2017-2018 (Hanming Fang, Andrew Shepard and Rakesh Vohra) 2019 (Juan Pablo Atal and Rakesh Vorha)
Referee Experience	IER, Higher Education Policy
Others	Startup - Consultancy Company, TwoMatch Consulting. (Design of algorithms and software to solve matching problems) One year of Social Service in Chile

REFERENCES

Hanming Fang, Class of 1965 Term Professor of Economics, Department of Economics, University of Pennsylvania (hanming.fang@econ.upenn.edu)

Rakesh Vohra, George A. and Lydia Bravo Weiss University Professor, Department of Economics & Department of Electrical and Systems Engineering, University of Pennsylvania (rvohra@seas.upenn.edu)

Eduardo Azevedo, Associate Professor of Business Economics and Public Policy, Wharton, University of Pennsylvania (eazevedo@wharton.upenn.edu)

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