

Felipe DEL CANTO

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PERSONAL INFORMATION

PLACE AND DATE OF BIRTH: Santiago, Chile | August 9, 1992
ADDRESS: 45 Hayward St. Apt 1642, Cambridge MA, 02142
CITIZENSHIP: Chilean
MARITAL STATUS: Married
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EDUCATION

2019 **M.A. in Economics**, [Pontificia Universidad Católica de Chile \(PUC-Chile\)](#), Santiago, Chile
Thesis: [Aggregate models require aggregate solutions? When heterogeneity is expendable](#)
Advisors: Eugenio Bobenrieth and Felipe Zurita
GPA: 6.6/7.0, Ranking: 1/28

2017 **B.S. in Mathematics**, [Pontificia Universidad Católica de Chile \(PUC-Chile\)](#), Santiago, Chile
GPA: 6.4/7.0, Ranking: 1/47

ACADEMIC POSITIONS

2020 - 2021 | **Adjunct Instructor**
Department of Economics, Pontificia Universidad Católica de Chile

PUBLICATIONS

JULY | **[The effect of regularization in portfolio selection problems](#)**
2020 | *TOP* (with Bernardo Pagnoncelli and Arturo Cifuentes)

RESEARCH EXPERIENCE

2017 - 2018 | **FONDECYT 1170178. Investment Strategies And Risk-Control Methods For Pension Funds: An Optimization-Based Approach.**
Research Assistant of Bernardo Pagnoncelli and Arturo Cifuentes

RELEVANT COURSEWORK (MIT SIMILAR SUBJECT CODE)

MATHEMATICS (AT PUC-CHILE)	Real Analysis (18.100B) and Topology (18.901) Functional Analysis and Measure Theory (18.102) Ordinary and Partial Differential Equations (18.032 and 18.152) Complex Variables I (18.04)
ECONOMICS (AT PUC-CHILE)	Microeconomic Theory I (14.121), II (14.122) & III (14.124) Econometric Theory I (14.380) & II (14.381)
COMPUTER SCIENCE (AT PUC-CHILE)	Pattern Recognition (6.862, as listener)
COMPUTER SCIENCE (AT MIT)	Advanced NLP (6.864, as listener) Statistics, Computation and Applications (6.439, as listener)

TEACHING

2021	Python course Graduate (M.A. and Ph.D.), Pontificia Universidad Católica de Chile
2021	LaTeX course Graduate (M.A. and Ph.D.), Pontificia Universidad Católica de Chile
2021	Math applications for Economics and Business Undergraduate, Pontificia Universidad Católica de Chile
2021	Principles of Economics Undergraduate, Pontificia Universidad Católica de Chile
2020	Python course Graduate (M.A. and Ph.D.), Pontificia Universidad Católica de Chile
2020	Math applications for Economics and Business Undergraduate, Pontificia Universidad Católica de Chile
2020	Principles of Economics (×2) Undergraduate, Pontificia Universidad Católica de Chile

TEACHING ASSISTANCE

GRADUATE	Mathematical Economics (<i>Prof. Jaime Casassus</i>)
UNDERGRADUATE	Advanced Microeconomics (<i>Prof. Felipe Zurita</i>) Calculus (B.S. in Agronomy) (<i>Prof. Álvaro Cofré</i>) Calculus (B.S. in Engineering) (<i>Prof. Luis Dissett</i>) Introduction to Calculus (B.S. in Science and Math) (<i>Prof. Mario Ponce</i>) Introduction to Calculus (B.S. in Mathematics) (<i>Prof. Duvan Henao</i>) Linear Algebra (×2) (<i>Profs. Jan Kiwi and Alejandro Ramirez</i>) Measure Theory (<i>Prof. Alejandro Ramirez</i>) Multivariable Calculus (<i>Prof. Martin Chuaqui</i>) Principles of Economics (<i>Prof. Pinjas Albagli</i>)

OTHER WORK EXPERIENCE

2020 - 2021	Academic tutoring to recently admitted students Graduate (M.A.), Pontificia Universidad Católica de Chile
2020 - 2021	Tutoring to graduate thesists Graduate (M.A. and Ph.D.), Pontificia Universidad Católica de Chile
2011	Volunteering work as math high school teacher Crea+, Chile

OTHER EDUCATIONAL EXPERIENCE

2019	Epistemic Game Theory mini course <i>Professor: Juan Pablo Xandri</i> <i>Final grade: 5.8/7</i>
2009	Java programming course <i>University of Chile: Summer School</i> <i>Final grade: 6/7</i>

COMPUTATIONAL SKILLS

BASIC KNOWLEDGE:	HTML, CSS, Office, R, Java, Swift, Unity
ADVANCED KNOWLEDGE:	TeX, Python, Stata, MATLAB, Gurobi, C#

AWARDS AND HONORS

- 2019 **Thesis graded with Maximum Distinction**
M.A. in Economics, Pontificia Universidad Católica de Chile
- 2019 **Degree granted with Maximum Distinction**
M.A. in Economics, Pontificia Universidad Católica de Chile
- 2018 - 2019 **Master's Scholarship in Chile**
Formation of Advanced Human Capital Program
[ANID](#) (formerly CONICYT), Chile
- 2017 **Degree granted with two votes of Distinction**
B.S. in Mathematics, Pontificia Universidad Católica de Chile
- 2015 - 2017 **Rolando Chuaqui Scholarship**
Math Department, Pontificia Universidad Católica de Chile
- 2015 **Matrícula de Honor (Academic Excellence Scholarship)**
Pontificia Universidad Católica de Chile
- 2010, 2013 **Highest National Score, Mathematics**
University Entrance Exam (PSU)

LANGUAGES

SPANISH: Native Language
ENGLISH: Fluent (TOEFL: 114)

REFERENCES

- PROFESSOR Department of Economics, Pontificia Universidad Católica de Chile
JEANNE LAFORTUNE jlafortune@uc.cl
- PROFESSOR Department of Economics, Pontificia Universidad Católica de Chile
TOMÁS RAU trau@uc.cl
- PROFESSOR Associate Professor, SKEMA Business School
BERNARDO PAGNONCELLI bernardo.pagnoncelli@skema.edu
- PROFESSOR Senior Research Associate, CLAPES UC
ARTURO CIFUENTES ac@arturocifuentes.com, www.arturocifuentes.com
- PROFESSOR Department of Mathematics, Pontificia Universidad Católica de Chile
DUVAN HENAO dhenao@mat.puc.cl