

# Matías Altamirano Montero

20/12/1995  
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## EDUCATION

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<b>Universidad de Chile</b> M.S. in Engineering Sciences, Applied Mathematics.	Santiago, Chile 2020–Present
<b>École Centrale Paris</b> Student Exchange Program	Paris, France Spring 2017
<b>Universidad de Chile</b> B.S. in Engineering Sciences, Mathematics, with distinction.	Santiago, Chile 2014–2019

## EXPERIENCE

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<b>Universidad de Chile - Center for Advanced Research in Education</b> Research Assistant, Supervisor: Dr. Roberto Araya	Santiago, Chile Enero 2021–Present
<b>Universidad de Chile - Center for Advanced Research in Education</b> Research Assistant, Supervisor: Dr. Roberto Araya	Santiago, Chile March 2019–February 2020
<b>KPMG</b> Internship	Santiago, Chile Summer 2019
<b>Universidad de Chile - Center for Advanced Research in Education</b> Research internship, Supervisor: Dr. Patricio Rodríguez	Santiago, Chile Summer 2018

## PUBLICATIONS

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- [1] M. Altamirano, A. Jiménez, and R. Araya, “Lessons clustering using topics inferred by unsupervised modeling from textbooks”, in *International Conference in Methodologies and intelligent Systems for Technology Enhanced Learning*, Springer, 2020, pp. 85–94.

## TEACHING

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• <b>Teaching Assistant</b> at Universidad de Chile <i>Multivariable Calculus (MA2001)</i>	Fall 2016/Fall 2018/Fall 2019/Spring 2019/Fall 2020
• <b>Teaching Assistant</b> at Universidad de Chile <i>Advanced Calculus and Applications (MA2002)</i>	Spring 2019
• <b>Teaching Assistant</b> at Universidad de Chile <i>Math 1 (BA09)</i>	Spring 2018/Spring 2019
• <b>Teaching Assistant</b> at Universidad de Chile <i>Math 2 (BA05)</i>	Fall 2018
• <b>Grading Assistant</b> at Universidad de Chile <i>Linear Algebra (MA1102)</i>	Spring 2017/Spring 2018
• <b>Grading Assistant</b> at Universidad de Chile <i>Probability and Statistics (MA3403)</i>	Spring 2018

- **Grading Assistant** at Universidad de Chile  
*Introduction to Calculus (MA1001)*

Spring 2017

## CODING AND COMPUTER SKILLS

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- **Languages:** Python, Matlab, Java, R, SQL
- **Other code/languages:** AMPL, BOCOP, FreeFem
- **Additional Skills:** Linux, L<sup>A</sup>T<sub>E</sub>X, Office, Github

## LANGUAGES

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- **Spanish:** Native Speaker
- **English:** Advanced
- **French:** Basic

## SCHOLARSHIPS AND AWARDS

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- Best Paper Award at 10th International Conference in Methodologies and Intelligent Systems for Technology Enhanced Learning 2020
- Center of Mathematical Modelling (CMM), Msc in applied mathematics Scholarship 2020
- Faculty of Physical and Mathematical Sciences, Universidad de Chile, Outstanding student 2015/2019

## CONFERENCES

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- Thirty-fourth Conference on Neural Information Processing Systems (NeurIPS) 2020

## EXTRACURRICULAR ACTIVITIES

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- Member at Faculty of Physical and Mathematical Sciences Football Team, Universidad de Chile 2016/2019
- Member at Student Union of Mathematical Engineering, Universidad de Chile 2018