

JUAN JOSÉ MADRIGAL MARTÍNEZ

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[LinkedIn](#) [GitHub](#) [Kaggle](#) [Udacity](#)

Mathematician interested in Educational Technology, willing to explore new ways to bring advanced Mathematics to the world. Especially gifted for

- Understanding and mastering Mathematics, interrelating all areas and branches
- Lecturing and teaching difficult or abstract concepts

SKILLS

Programming Languages: Python

Version Control Systems: Git & GitHub

Machine Learning: SciKitLearn

Operating Systems: Linux, Windows

Mathematics Softwares: SageMath, Mathematica

Web Design: HTML5 / CSS3 / JS

Typesetting: \LaTeX

Languages: Native Spanish, Proficient English, German and French

PROJECTS

Train a Smartcab to Drive [Udacity MLND - Smartcab Project](#)

Dec. 2016

- Successfully implemented in **python**
- Reached **A** Ratings for Safety and Reliability

EXPERIENCE

CEO of Mathifold Project <http://mathifold.org/>

Madrid | March 2014 - Present

- Leading 15+ collaborators
- Added 250+ posts

Lecturer at Faculty of Mathematics

UCM | Feb. 2015 - Jun. 2016

Introduction to Mathematics, Linear Algebra, Algebraic Topology

Tutor at Faculty of Mathematics

UCM | Sept. 2014 - Present

Linear Algebra, Real Analysis, Probability & Statistics

EDUCATION

Udacity Machine Learning Nanodegree

Udacity | Sept. 2016 - Present

Master in Advanced Mathematics 9.81/10 - 3.75/4

UCM | Sept. 2013 - Jul. 2014

Degree in Mathematics 9.92/10 - 3.87/4

UCM | Sept. 2009 - Jul. 2013

AWARDS

Extraordinary End of Studies Award

UCM

Honourable Mention

49th International Mathematics Olympiad, IMO | Madrid | 2008

Gold Medal

44th Spanish Mathematics Olympiad | Valencia, Spain | 2008