

Álvaro MARTÍNEZ ARRANZ

PERSONAL DATA

NACIONALTY: Spanish
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EDUCATION

Jun 2020 **Master in Astrophysics**, Valencian International University, Spain
Feb 2009 **Master in Astrophysics**, Universidad Complutense de Madrid, Spain
Feb 2008 **Bachelors Degree in Physics**, Universidad Complutense de Madrid, Spain
Jun 06/Sep 07 **Erasmus Exchange Program**, Lisbon Science University, Portugal.

WORK EXPERIENCE

Sep 2020 **IAA, Granada, Spain.**
Currently *FPI scholar.*
Four years PhD scholarship position within the Galactic Center group at the Instituto de Astrofísica de Andalucía

Jan 2020 **Kabe International School, Uvita, Costa Rica.**
May 2020 *Teacher.*
Math, science and technology teacher from 1st to 5th grade. All subjects taught in English. Project Base Learning school.

Sep 2019 **Geo Consulting Engineering Ltd, Santiago, Chile.**
Jan 2020 *Data analyst.*
Freelance worker, analyzing topographic data from Mina Caserones.

Feb 2019 **Cambridge College, Santiago, Chile.**
Jan 2020 *Teacher.*
Teacher of mathematics and physics from 10th to 12th grade and technology from 4th to 6th.

Jan 2017 **Escuela Verde Costa Ballena, Uvita, Costa Rica.**
Dec 2018 *Teacher.*
Math and science teacher from 7th to 12th grade. All subjects taught in English.

Ago 2015 **Universidad Autónoma de Santiago, Chile.**
Feb 2017 *Teacher.*
Professor of introduction to mathematics, calculus and algebra for first year students of Mechanical Engineering.

Feb 2015 **Cambridge College, Santiago, Chile.**
Jan 2017 *Teacher.*
Teacher of mathematics, physics and chemistry from 10th to 12th grade. Head of the math department.

- Sep 2014* **Grants English , Santiago, Chile.**
Dec 2016 *Translator.*
 Free Lance Translator from English to Spanish, mostly working on machinery manuals and security protocols in mines.
- Mar 2014* **Salamanca Foods S.A, Santiago, Chile.**
Feb 2015 *Analyst and Importations Manager.*
 Working on Data analysis for production and sales and Optimization of the Production processes.
- Mar 2014* **Adams Technologies Inc. (Boulder, Co. USA), Santiago, Chile.**
Sep 2015 *Free Lance Technician.*
 Hired by Adams Technologies for sporadic repair works on a CO₂ laser at Papermint factory in Santiago de Chile. I also was the translator between the owner of Adams Technologies and the Manager at Papermint.
- Mar 2011* **Dublin City Council Street Markets, Dublin, Ireland.**
Sep 2013 *Technician.*
 Installing and supervising electrical generators in different events in Dublin City.
- Oct 2007* **Academia (After School Academy), Madrid, Spain.**
Dec 2010 *Teacher.*
 Teacher and tutor for high school and college students.

LANGUAGES

- English :** *TOEFL ibt : 105/120*
 Overseas experience in USA, Ireland and bilinguals schools and institutions in Costa Rica and Chile.
- Portuguese :** *Advanced Written and Oral.*
 14 moths Exchange program in Lisbon, Portugal.
- Spanish :** *Mother tongue.*

COMPUTER SKILLS

Knowledge about	<i>Python</i>	Astrophysical software	<i>AstroPy</i>
	<i>Excel</i>		<i>TopCat</i>
	<i>L^AT_EX</i>		<i>ESTER</i>
	<i>R</i>		<i>MESA</i>
	<i>IDL</i>		<i>IRAF</i>
			<i>Aladin</i>