JUAN CARLOS CALVO JACKSON

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Education

2014 - 2017	Dphil Mathematics, University of Oxford.
	Performed two and a half year of studies before exiting program.
2013 - 2014	Part III of the Mathematical Tripos, University of Cambridge.
2012 - 2013	Master of Science, Physics, Universidad Técnica Federico Santa María.
2008 - 2011	Bachelor of Science, Physics, Universidad Técnica Federico Santa María.
2008 - 2011	Civil Engineer, Universidad Técnica Federico Santa María.
	Three and a half years before fully switching to physics.

Experience

2017	Independent consulting:
	Database creation and data analysis for research project.
	Statistical modeling for blockchain stealth startup.
	Economical feasibility study of industrial chemical process.
2017	10th Cohort student, Exosphere Academy of Science & the Arts.
	Project based learning of blockchain technology run by Anish Mohammed.

Teaching Assistant at University of Oxford, Mathematical Institute:

Hilary 2017	C3.7 Elliptic Curves, 2 sets.
Michaelmas 2016	B3.2 Geometry of Surfaces, 2 sets.
Hilary 2016	B2.2 Commutative Algebra, 2 sets.

Teaching Assistant at UTFSM, Mathematics and Physics departments:

2009 - 2011	12 sets on most core mathematics and physics courses for engineering, physics and mathematics students.

Other Skills and Interests

Statistical Learning	Currently studying *The Elements of Statistical Learning* by H.T. & F.
Programming	*Python*: Currently using scikit-learn and statsmodels on UCI ML Repository. Used for statistical analysis in recent consulting job. Over 3 years of experience with scientific programming.
	Matlab, Mathematica: Used during masters and Dphil mostly with linear algebra and geometry. Programed Neural Networks for image recognition.
	mySQL: Database of calls analysis to study tsunami evacuation model.
	JavaScript/Node.js: Basic full stack development.
	Bash: Regular use of the command line.
Tools	*Github, Latex.*
Languages	Native Spanish. Fluent in English.
Interests	Deep Learning, Statistical Learning, Artificial Intelligence, Blockchains.