

Roberto Panai

❖ Nationality: Italian
✈ Permanent resident in Chile
✉ robertopanai@sardus.it
☎ +56 9 52498154

PROFESSIONAL EXPERIENCE

TeamCore Solutions
Data Scientist

FROM JUNE 2017

Exosphere Academy - Cidade Pedra Branca, Santa Catarina, Brazil
Python Fellow *Reference*

Inversiones LEC Limitada
Automated Trading development and data analysis. *Reference*

Business School - University of Auckland, New Zealand
Database analysis for financial frauds in Italy.

Sardegna Ricerche, Italia
Research Assistant in Concentrated Solar Power project

Cooperativa Sociale CSP, Italia
Marketing consultant

TEACHING EXPERIENCE

Escuela de Geología - Universidad Mayor, Santiago, Chile
Lecturer - Linear Algebra

University of Auckland, New Zealand
Maths Tutor at Science Department

Università degli Studi di Sassari, Italia
Maths Tutor at Science Department

Ministero della Educazione, Italia
Maths and Computer Science Teacher in High Schools

Università degli Studi di Cagliari, Italia
Maths Tutor and Guide at Science Department

EDUCATION

- 2011-NC **PhD student in Mathematics**
University of Auckland, New Zealand
- 2009 **SMI International Summer School in Mathematics**
Università degli Studi di Perugia
- 2009 **Master in Mathematics - Magna cum laude**
Università degli Studi di Cagliari, Italia
- 2006 **Bachelor in Mathematics - Magna cum laude**
Università degli Studi di Cagliari, Italia

CONFERENCES

- 2018 *PyData* - Córdoba, Argentina
- 2018 *PyCon* - Cleveland, Ohio, USA
- 2013 *NZMS Colloquium* - Waikato, NZ
- 2012 *NZMASP Conference* - Auckland, NZ
- 2011-2015 *Differential Geometry Workshops* - Auckland, NZ
- 2011 *NZMS Colloquium* - Auckland, NZ
- 2011 *The Geometry of Differential Equations* - Canberra, Australia
- 2010 *Wolfram Mathematica Italia*, User Group Meeting - Milano, Italia
- 2009 *A Harmonic Map Fest* - Cagliari, Italia
- 2009 Analyze your financial data and develop accurate models with *Wolfram Mathematica*, Bicocca University- Milano, Italia

LANGUAGES

ITALIAN: Native
SPANISH: Fluent
PORTUGUESE: Basic

ENGLISH: Fluent
FRENCH: Basic

COMPUTATIONAL SKILLS

OPERATIVE SYSTEMS	Linux, OS X, Windows
MATHEMATICAL SOFTWARE	Mathematica, SageMath, Matlab
PROGRAMMING LANGUAGES	Python, Bash, C/C++, R, Mql4
DATABASES	SQL, PostgreSQL
CLOUD - CLUSTERS	AWS, GCP, Dask
OTHER	Docker, \LaTeX , (Libre-MS) Office