

Rosario Sapienza

Date and birth place: 24/09/1988, Catania
Viale Tiziano 74, Domegge di Cadore (BL)

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Employment history

10/2021-current Structural Engineer

Ecates Italia srl

- Structural reinforcement interventions on existing bridges *Domegge di Cadore*
- Modelling, Analysis & Design of Structures with ProSAP and Edilus Domegge di Cadore
- Site Inspection of undergoing projects and supervise junior structural engineers
- Reviewed Civil and Structural designs performed by Outsourced Engineering firms
- Development dashboards in Python and Excel to execute company tasks
- Responsible to apply Artificial Intelligence solutions inside the firm

01/2017-10/2021 Structural Engineer

Freelance

- Design and construction management of civil and industrial buildings
- Modelling, Analysis & Design of Structures with ProSap
- Drafting of the Certificate of Sismic Suitability and Energy certifications
- Inspections related to the earthquake of 26/12/2018 and drafting of projects and practices according to the provisions of national laws

07/2018-12/2018 Tender Analyst

Zenith

- Analyzing large database with SQL making it usefull and mangmentfull to team *Messina*
- Building statistical and mathematical model for business purpose
- Creation of models based on the data analysis and producing descriptions for programmers
- Prepare offers for tenders and show them to mangment and federal state agencies

09/2016-07/2017 Junior Equity Trader

Spec Trading, Day Trade The World

- Analyzing financial data, sharing and creating financial analyst reports *London*
- Building excel model to estimate risk and sharing it with other traders
- Working under pressure in team, developing and maintaining a close relationship with the risk department, assisting senior traders in managing the trading book and P&L.
- Writing python scripts to calculate correlation between stocks and to analyze gap and hourly volume statistics

09/2015-03/2016 Engineer

A.M. Engineering

- Structural modeling with Matlab *Catania*
- Managing work team for engineering project
- Reporting to project managers and clients

Education

10/2017-03/2018 Postgraduate Diploma Mathematical Finance

Alma Mater Studiorum, University of Bologna, Dept. of Mathematics
Course directors: Prof. A. Pascucci, Prof. S. Polidoro
www.dm.unibo.it/finanza/2018/insegnamenti.php

09/2012-07/2015 MSc Civil Engineering, Alma Mater Studiorum, University of Bologna

Thesis: "Parametric Investigation of shell structures in double and single curvature realized with innovative materials". Prof. F. Tornabene *Grade: 2.1*

09/2007-03/2012 BEng Civil Engineering, University of Catania

Thesis: "Determination of the temperature distribution in correspondence of thermal bridges". Prof. A. Gagliano. *Grade: 2.1*

Courses

DataCamp Intermediate Python for Data science

<https://www.datacamp.com/profile/rossap>

Coursera Artificial Intelligence for Everyone

Fast.ai Practical Deep Learning for Coders

<https://course.fast.ai/>

Skills

Languages: English - B2 QCER University of Bologna, Italian-mother language

IT: SQL, Matlab (interm.), Excel/VBA, Python, Edilus, ProSap (advanced)

Other

- *Team player:* I enjoy myself when I have the opportunity to work co-operatively

- *Interests:* I play ski, freediving and football. I like reading and playing American poker.

I authorize the processing of my personal data pursuant to Leg. D. 196 of 30/06/2003 and art.13 GDPR (EU Reg. 2016/679)

I will be in New York from 23 April until 29 April.

Domegge di Cadore, 12/04/2023