



Luca FENZI

Maths and Physics teacher - science communicator
Expert in Computational Mathematics.

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Born on 24 Feb 1991

Nov 2021

Teaching qualification *Maths and Physics for high-schools*

USR Veneto *Italy*

Feb 2020

PhD in Engineering Science *Computer Science Department*

KU Leuven *Belgium*

Dec 2015

MS in Mathematics *Grade: 110/110 with honors, Average 29.7/30*

University of Udine *Italy*

Feb 2020

BS in Mathematics *Grade: 110/110 with honors, Average: 28.6/30*

University of Udine *Italy*

EXPERIENCE

2022–Present

Maths and Physics teacher in Scientific high-school *I.I.S.S. Copernico-Pasoli (Verona)*

Aside teaching duties, I supervise • Science communication conferences • STEAM projects (3D Printing, Laser cutting, Microbit, Arduino) • Maths and Physics highschool competitions.

2022–Present

Science communicator at *Verona Fablab (Verona)*

Introductory courses on computational thinking for elementary and high schools.

2020–2022

Data Scientist and Business Analyst at *iBIC (Caldiero, Verona)*

• For a fashion company, I developed the Business Intelligence for the Production department, analyzing the management requests, supporting the IT, building Power BI tabular models and official reports.

• For an insurance company, I developed a previsual and a clustering R-models, integrated in Qlik dashboards.

2015–2020

Researcher in Mathematical Engineer at *KU Leuven (Belgium)*

• PhD training courses in Science Communication; Machine Learning; Statistics.

• Teaching Assistant of the master courses “Optimization” and “Numerical Linear Algebra”.

• 5 scientific publications in Computational Mathematics; Numerical Simulation and Analysis; Uncertainty Quantification (Statistics and Probability); Optimization and Control Theory. [Google Scholar](#).

2011–Present

Elected member in several executive boards

Gruppo Volontari Ipogeo (2022–Present), Scuola Superiore Alumni Association (2019–2022), SIAM student chapter KU Leuven (2017–2020), Italian Network of Excellent Universities (2013–2014), Scuola Superiore (2013–2014), Mathematics & Computer Science Department (2011–2014), Academic Senate (2011–2012).

2007–2015

Summer jobs *Raft guide; River kayak trainer; waiter, and technician at events, conventions and exhibition.*

INFORMATICS

Proficient

Scratch, Matlab, Power BI, ~~LaTeX~~, Excel

Competent

R, SQL, Lightroom, Qlik, HTML

LANGUAGES

Italian

Native language

English

Excellent command *daily work usage, and several advances courses (C1 CEFR)*

AWARDS

Feb 2019

Datathon *Competition of Data Analysis; Best pitch and Second-best PhD team*

Oct 2016

Giulio Chiesi memorial price *Best master thesis with engineering applications*

June 2016

Best graduate student in Mathematics

2009–2010

Mathematical Olympiad *Team and individual national finals*

GRANTS

2009–2015

Scuola Superiore *Institution for excellence education besides the university.*

Admitted students follow additional courses and are examined twice a year.

2015

Erasmus at Norwegian University of Science and Technology *Norway*

INTERESTS

Sports

Mountaineering and Cycling

Hobbies

Travel, Cooking, and Photography