

Luca Pezzini | Curriculum Vitæ

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Education

KU Leuven <i>Erasmus Traineeship Program.</i>	Leuven 2020–2020
KU Leuven <i>Erasmus+ Program.</i>	Leuven 2018–2019
Università degli studi di Torino <i>MSc Astrophysics and Theoretical Physics.</i>	Torino 2017–2020
Università degli studi di Torino <i>BSc Physics.</i>	Torino 2012–2017
I.I.S Q. Sella Biella <i>Liceo Scientifico Tecnologico Brocca Focus.</i>	Biella 2007–2012

Professional Experience

2019–Pres: Co-Founder Machine Learning Journal Club UniTo.
2017–2018: Tutor for ADHD kids.
2016–2017: Math and physics tutor.

Licenses and Certifications

2020: IBM Data Science Professional Certificate: What is Data Science?, Credential ID PE62LKKLGH2M.
2020: IBM Data Science Professional Certificate: Python for Data Science and AI, Credential ID 93YJEC7NCFY.
2020: IBM Data Science Professional Certificate: Databases and SQL for Data Science, Credential ID 4JNEJ4RMVYWD.
2020: Google: Introduction to Git and GitHub, Credential ID M6JW8VS6CK93.
2012: Driving License B, Credential ID AD0411856.
2011: DELF, Ministère de l'Éducation nationale et de la Jeunesse, Credential ID 039015-002258.
2010: European Computer Driving Licence (ECDL) - AICA, Credential ID IT1383114.

Volunteer Experience

2019–2019: Volunteer, GreenTo, Plastic-Free movida project.

2016–2016: Found raising assistant, Pint of Science Turin.
2011–2011: Volunteer for environmental cleaning, Mani Tese.
2011–2011: Cicerone, FAI Fondo Ambientale Italiano, Monastero di San Gerolamo.
2008–2010: Entertainer for children, Parrocchia S. Stefano.

Coding Skills and Software

L^AT_EX: Advanced: beamer, articles, posters.
C++: Intermediate: developing numerical simulations.
Python: Basic: scientific programming and data visualisation.
Mathematica: Intermediate: animation and data analysis.
Mac OS X: Intermediate: main operating system.
Linux Ubuntu: Intermediate.
Git: Basic
SQL: Basic.
Bash: Basic.

Languages

- Italian: mother tongue.
- English: professional knowledge.
- French: basic knowledge.

Research

Master thesis.....

Title: *Covariant PiC method to study Magnetic Flux Tubes Instabilities in General Geometry.*

Supervisors: Prof. Giovanni Lapenta, Prof. Andrea Mignone.

Bachelor thesis.....

Title: *Non Thermal Emission from Astrophysical Jets.*

Supervisors: Prof. Andrea Mignone, Prof. Silvano Massaglia.

Interests

- Hiking, running and other outdoor activities for nature enthusiasts.
- Watercolour painting.
- Visiting museums and art expositions.
- Watching movies.