europass

PERSONAL INFORMATION

Ilaria Stanzani

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Date of birth 29/07/1997 | Nationality

WORK EXPERIENCE

May 2022- May 2023

Junior Researcher (Lagrange Fellowship)

ISI Foundation , Turin https://www.isi.it/en/home

- Analysis, characterisation and visualisation of the relationship between electoral patterns and socio-economic indicators in the urban context of some Italian cities. Specifically, I worked on electoral and socio-economic data of Italian cities to highlight, characterise and visualise common electoral clusters by combining geospatial and socio-economic information using Machine Learning and Data Visualization approaches.

May 2022- June 2022

Post Degree Traineeship ERASMUS+

University of Cadiz, Spain

- Analysis of trends of 'deaths of despair' (suicides, deaths by overdose or alcohol) in relation to the size and population of cities in the United States, in relation to the COVID19 period.

EDUCATION AND TRAINING

2019-2022

Master Degree in Physics of Complex Systems

110/110 cum Laude

University of Turin, Italy

- Data Mining: Statistical Modelling and Machine Learning
- Complexity in Social Systems
- Digital Epidemiology
- Neural Network
- Theory of Games and Networks
- **Thesis:** "Studying eating disorders and other attitudes toward nutrition and health on Twitter during the COVID epidemic"

2016-2019

Bachelor Degree in Physics

107/110

University of Bologna, Italy

- **Thesis:** "Coherent States in matter and light"

PERSONAL SKILLS

Mother tongue(s)   Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Advanced	Advanced	Advanced	Advanced	Advanced
	IELTS 6.5 (B2)				
Spanish	Basic	Basic	Basic	Basic	Basic

Computer skills

- Python: advanced
- C++: intermediate
- R: basic
- JavaScripts: basic

Driving licence

- B

ADDITIONAL INFORMATION

Publications
Presentations
Projects
Conferences
Seminars
Honours and awards
Memberships
References

Participation at summe school " Modern Topics in Machine Learning" organized by MaLGa, University of Genova. (24 hours)
Topics:
- implicit regularization
- sketching
- reinforcement learning
- machine learning for inverse problems
- optimal transport for machine learning
- fairness in machine learning.

23/06/2023,Torino   Firma :

La sottoscritta Ilaria Stanzani dichiara inoltre, ai sensi del D.Lgs n.196/2003, di essere stata informata delle finalità e modalità del trattamento dei dati personali forniti e di autorizzarne l'utilizzo e l'archiviazione.