PERSONAL INFORMATIONS

Mattia Scalas

June 25, 2024

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🌐 https://github.com/Aittam93

💬 Telegram: @Aittam

Gender Male | **Nationality** italian

POSITION

Urban Climate Data Analyst

EXPERIENCE

March 2023 – today
Urban Climate Data Analyst
Euro-Mediterranean Center on Climate Change - CMCC, Lecce.

Nov 2020 – Oct 2023
PhD Student
Responsible Risk Resilience Centre at Politecnico di Torino

Sep 2022– Dec 2023
Adjunct Professor
Politecnico di Torino

Apr 2020 – Sep 2023
Freelance collaborator
OnStairs srl

Jan 2014 – Dec. 2017
Professional athlete
Atletica Casone Noceto

ISTRUZIONE E FORMAZIONE

October 2020 – June 2024
PhD in Urban and Regional Development
Politecnico di Torino
Urban and regional planning, Geographic information Systems (GIS)

March 2020 – December 2020
High training course Talents for Fundrasing
Fondazione CRT

Non-profit, fundraising, communication, strategic planning

Master's Degree in Territorial, Urban and Landscape-Environmental Planning
October 2017 – December 2019
Politecnico di Torino
Urban and regional planning, Geographic Information Systems (GIS)

Bachelor's in Architecture
October 2012 – September 2017
Politecnico di Torino
CAD

COMPETENZE PERSONALI

Mother language	Italian

Languages

	COMPREHENSION		SPEAKING		WRITING
	Listening	Reading	interaction	Oral production	
Inglese	C1	C1	C1	C1	C1
	First Certificat in English FCE. (2012)				
Portoghese	A2	A2	A2	A2	A2

Communication competences

▪ Fluent in English, capable of effectively communicating in diverse international environments
▪ Basic knowledge of Portuguese with skills acquired through structured coursework and practical language use in informal settings.

Organizational and management skills

▪ Experienced in group work, effectively coordinating with team members to achieve goals
▪ Proficient in autonomously managing tasks, setting priorities and meeting deadlines

Professional skills

▪ Advanced expertise in geospatial analysis
▪ Strong data analysis skills, proficient in gathering, reviewing, and assessing large datasets
▪ Solid academic research abilities, with a strong foundation in scientific methodologies and statistical analysis, developed through rigorous academic training and research projects.

Digital skills

SELF EVALUATION				
Information processing	Communication	Conteng Creation	Cybersecurity	Problem solving
Advanced	Advanced	Advanced	Advanced	Advanced

Certified IBM Data Analyst:

▪ Excel, SQL, Relational Databases, Python, Jupyter Notebooks, and Cognos Analytics
Geographic Information Systems

▪ QGIS, ESRI ArcGIS, CartoDB, Geospatial Python
Web Development

▪ HTML, CSS, basic JavaScript (including NodeJS)
Cybersecurity: Security Soft Start course by OnStairs srl: basic tools to understand, analyze and hinder today's types of cyber attacks.

Other skills

Sostituire con altre rilevanti competenze non ancora menzionate. Specificare in quale contesto sono state acquisite. Esempio:
▪ falegnameria

Driving licence

B Driving License

OTHER INFORMATIONS

Selected publications

Fiermonte, F.; Scalas, M.; La Riccia, L. (2023) Source and Data for the Analysis of the Metropolitan Territory with GIS Tools: A Critical Review Between Commercial and Open Access Tools. In: Post Un-Lock - From Territorial Vulnerabilities to Local Resilience ISBN: 978-3-031- 33893-9.:
Scalas, M. (2023); Pedestrian Isochrones Facilities Overlapping with Openrouteservice. An Easy, Fast and Opensource Indicator in Novara, Italy. In: The 2023 International Conference on Computational Science and Its Applications. ISSN 0302-9743. ISBN: 978-3-031-37105-9

Awards

Best paper award – ICCSA 2023

Associations

GFoss - Italian Association for Information Free geographic, Italian national institute of urban planning (INU), Nucleare e Ragione Committee