



Curriculum Vitae

Informazioni personali/

Personal Information

Nome e Cognome / Name and Surname *Carla Mascia*

Genere / Gender Femmina

Esperienze professionali/

Work Experiences

02/09/2024 - DataKrypto SRL

Role: Head of Cryptography Research I drive cutting-edge R&D in fully homomorphic encryption, developing algorithms that protect data and AI models and enable secure computation on encrypted inputs.

01/09/2022 - 30/08/2024 Fondazione Hub Innovazione Trentino

Role: Technology Foresight Officer. Analysis of the emerging technological, financial, and social trends shaping the market and strategic foresight to inform decision-makers.

01/01/2020 - 31/08/2022 Università di Trento

Postdoctoral Researcher and Research Collaborator. Main area of interest and expertise: cryptography, computational and commutative algebra for cryptography, blockchain technology.

01/09/2020 - 31/07/2021 Centromoda Canossa, Trento

High-school teacher of Mathematics and Informatics

01/04/2019 - 31/12/2019 Fondazione Bruno Kessler

Researcher within the project FRICoRE (Fundamental Rights in Courts and Regulation), at Security & Trust Research Unit. Research aims production of didactic material concerning Artificial Intelligence, particularly regarding its use in the legal context

14/09/2015 - 30/09/2016 Università di Trento

Contract of intellectual work service within the project Caritro 2014 "New mobile payment system with Fidelity Card, PagoBANCOMAT e Cryptocurrencies"

Istruzione e formazione/

Education and Training

01/11/2016 - 12/02/2020 Ph.D in Mathematics, University of Trento

01/09/2010 - 17/10/2014 Master in Mathematics, University of Pisa

01/09/2010 - 26/11/2010 Bachelor in Mathematics, University of Pisa

Competenze personali/ Personal Skills

Lingua madre / Mother tongue Italiano

Altre lingue / Other languages *Livello / Level *

Inglese C1 - Avanzato

*Autovalutazione / Self-assessment: [Quadro Comune Europeo di Riferimento delle Lingue / Common European Framework of Reference for Languages](#)

Altre competenze/ Other Skills

Altre competenze / Other skills

Patente di guida / Driving licence B

Ulteriori informazioni/ Additional Information

Sito personale / Personal web <https://sites.google.com/view/carlamascia>
pages

Ulteriori Informazioni / Additional
Info