Martina Cinquini

PHD STUDENT | DATA SCIENTIST

ABOUT ME

My hybrid background allows me to tackle a problem from pluralistic viewpoints. My strong motivation helps me to pursue my goals with ambition and perseverance, always looking to refine my skills through training.

SKILLS

Problem Solving	●●●●○
Critical Thinking	●●●○○
Leadership	●●●●○
Teamwork	●●●●●
Communication	●●●●●

CONTACT ME

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Viareggio (LU), Italy

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+(39) 327 5783952

Scan the QR code

EDUCATION

PHD IN COMPUTER SCIENCE

University of Pisa, Italy | Nov 2021 – Ongoing
Causal Discovery, Data Generation, Pattern Mining, Explainable Artificial Intelligence

MSC IN DATA SCIENCE AND BUSINESS INFORMATICS

University of Pisa, Italy | Sept 2017 – May 2021
Data Mining, Big Data Analysis, Business Intelligence, Visual Analytics, Process Mining, Algorithmic, Machine Learning

110\110 | Boosting Data Generation with Effective Nonlinear Causal Discovery. In this thesis project:
- we design an efficient approach for nonlinear causal discovery based on pattern mining
- we implement a generative method based on the boosted nonlinear causal discovery approach

BACHELOR OF SCIENCE IN DIGITAL HUMANITIES

University of Pisa, Italy | Sept 2014 – June 2017
Programming User Interfaces and Web Applications, Database and Query Languages, Computational Linguistics, Natural Language Processing, Linguistics and Literature in Italian

110\110 cum Laude | Mensana – Prototype Design and Development of a Web Application | EQF level 6

HIGH SCHOOL DIPLOMA IN FOREIGN LANGUAGES

Liceo Classico G. Carducci, Viareggio, Italy | Sept 2009 – June 2014
- Languages: English, Spanish, French
CFER Language Level: B2 for Listening, Reading, Spoken Production, Spoken Interaction, Writing

EXPERIENCE

SCHOLARSHIP RESEARCHER

University of Pisa, Italy | June 2021 – Current
- Causal Discovery for Explainable Artificial Intelligence in the project BIHO Monreale.

FRESHMAN TUTOR AT DEPARTMENT OF COMPUTER SCIENCE

University of Pisa, Italy | Oct 2020 – Feb 2021
- Advising students on academic and related matters.
- Prepares and conducts tutorials.

PART–TIME COLLABORATION

University of Pisa, Italy | 2017 – 2018

- Collaboration period: Feb 2017 - Apr 2017, Mar 2018 – July 2018
- Management of Library System
- Public Relations

DIGITAL SKILLS

PROGRAMMING LANGUAGES

- Python
- C
- PHP
- Javascript

QUERY LANGUAGES

- SQL
- MDX

SOFTWARE LANGUAGES

- Windows
- Linux
- Mac OS

OTHERS

- Power BI
- Weka
- Microsoft Office

LANGUAGES

ITALIAN

- Mother Tongue

ENGLISH

- CFER Language Level: B2 for Listening, Reading, Spoken Production, Spoken Interaction, Writing

SPANISH

- CFER Language Level: B2 for Listening, Reading, Spoken Production, Spoken Interaction, Writing

FRENCH

- CFER Language Level: B2 for Listening, Reading, Spoken Production, Spoken Interaction, Writing

PUBLICATIONS

AAAI 2022

The 36th AAAI Conference on AI | Vancouver, BC

Boosting Data Generation with Effective Nonlinear Causal Discovery | Submitted

CONFERENCES

Google Developer Fest Pisa 0.1 | Mar 2018

BigData 2017 | Febr 2017