EDUCATION AND TRAINING

10/2017 – 10/2020 – Padova, Italy
MSC IN DATA SCIENCE – University of Padova

Member of SPRITZ (Security and PRIvacy Through Zeal) Group
  ◦ Principal Investigator: Prof. Mauro Conti

Winner of "Una tesi per la sicurezza Nazionale" Award

Field(s) of study
  ◦ Data Science
Thesis: Analyzing social dynamics and linguistic features of online extremism: the case of Gab

110 | https://datascience.math.unipd.it/

2013 – 2016
BSC IN COMPUTER SCIENCE – University of Parma

Microsoft Student Partner, Department Representative, Member of the Computer Science Joint Committee in Parma.
Field(s) of study
  ◦ Computer Science
Thesis: Polyglot Persistency: analysis of an application in a production environment

104 | https://cdl-info.unipr.it/it

LANGUAGE SKILLS

Mother tongue(s):   **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	C1	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

WORK EXPERIENCE

01/11/2021 – CURRENT – Rome, Italy
PHD STUDENT – SAPIENZA UNIVERSITY OF ROME

PhD Student in Computer Science under the supervision of prof. Walter Quattrociocchi, working on Data driven modeling of social dynamics.

Main activities:
- Reviewer for PLOS One journal
- Teacher Assistant for "Digital Systems" course
- Member of Facebook Data for Good Program
- Member of IRIS research alliance

01/02/2021 – CURRENT – Padua, Italy
RESEARCH FELLOW – UNIVERSITY OF PADUA

Extending the research activity started at Ca' Foscari University as a member of SPRITZ Group, lead by prof. Mauro Conti.

11/2020 – 01/02/2021 – Venice, Italy
RESEARCH FELLOW – CA' FOSCARI UNIVERSITY OF VENICE

Research member of the Data Science and Social Complexity Laboratory, lead by prof. Walter Quattrociocchi. My main duties revolved around the study of social and opinion dynamics, providing mathematical and data driven tools to address the questions that arise from the different scenarios.

01/11/2019 – 01/07/2020 – Venice, Italy
RESEARCH INTERN – CA' FOSCARI UNIVERSITY OF VENICE

Worked in the field of cybersecurity and computational social science, investigating about the creation and spreading of online extremism and their adaptation to health and social related topics such as the COVID-19 pandemic. The activities carried on this period lead to the creation of a research paper called "Information Consumption and Social Response in a Segregated Environment: the Case of *Gab",* presented at Disinfo20 Workshop.

01/04/2017 – 01/02/2020 – Fidenza, Italy
FULL STACK DEVELOPER – ENGAGE IT SERVICES

Worked as a .NET Software Developer, being involved in Business Intelligence and Big Data projects.

Technologies and Frameworks: Kafka, Hadoop, C#, Microsoft SQL Server, SSIS, SSRS, .NET, WPF, WCF, RabbitMQ, Microservices architecture, Agile.

01/09/2016 – 31/03/2017 – Fidenza, Italy
INTERN – ENGAGE IT SERVICES

Internship during my last bachelor semester. I was introduced to the company processes and organization, doing multiple pair programming sessions to learn the codebase and the programming principles adopted.

01/10/2016 – 30/06/2018 – Milan, Italy
MICROSOFT STUDENT PARTNER – MICROSOFT

Microsoft Student Partner is a worldwide program for university students where they can volunteer by attending events or by being a speaker to let people know about Microsoft technologies and products. During this period, I served as a speaker for educational events, with the goal of helping students get in touch with the computer science world through activities, presentation and courses, using Microsoft products as support.

HONOURS AND AWARDS

20/10/2021
Una tesi per la sicurezza Nazionale – Presidenza del Consiglio dei Ministri

Vincitore del premio grazie alla tesi: "Analyzing social dynamics and linguistic features of online extremism: the case of Gab"
https://www.sicurezzanazionale.gov.it/sisr.nsf/archivio-notizie/comunicato-stampa-lintelligence-premia-le-migliori-tesi-di-laurea-sulla-sicurezza-nazionale.html

PUBLICATIONS

Entropy and complexity unveil the landscape of memes evolution

https://www.nature.com/articles/s41598-021-99468-6 – 2021

Lack of evidence for correlation between COVID-19 infodemic and vaccine acceptance

https://arxiv.org/abs/2107.07946 – 2021

News consumption and social media regulations policy

https://arxiv.org/abs/2106.03924 – 2020