first name last name

WORK EXPERIENCE

09/2023 – CURRENT Rome, Italy
TEACHING ASSISTANT LUISS GUIDO CARLI

Lecturer and mentor for the Data Science in Action course

TUTOR UNITELMA SAPIENZA - COMPUTER SCIENCE DEPARTMENT

Help students learn more about the university and provide an interface between them and the professors.

01/2021 – CURRENT Rome, Italy
CODING COACH FONDAZIONE MONDO DIGITALE

Online coding lessons for high-school students for CO.ME.SE (COde&FraME for Self Empowerment) and CodinGirls Projects.
Role Model for "La Notte dei Ricercatori 2020" and "STEM\#4TeenGirls" the Erasmus+ Project for Scuole CEFA in Rome, Bilbao and Prague.

01/09/2017 – 15/02/2019 Rome, Italy
SOFTWARE DEVELOPER ENGINEER NTT DATA ITALIA S.P.A.

- My team and I developed two applications for an important German automotive company. The applications were intended for employees of the company itself to sale, rent and manage cars. At the beginning we took care of studying the existing code, drafting the documentation and actively participate to the meetings in order to understand the customer's needs. Later my team and I were assigned to the frontend develop of the two applications.
- With a colleague of mine, we developed RESTful APIs for a customer in the telecommunications sector. The APIs were used for a messaging service and the development was followed by a period of support for colleagues who took care of the tests so as to fix any bugs and the release in the operating and production environments.
- My team and I developed other two portals for the same energetic company. One was used to manage their travel requests and the other one was a Linkedin like portal. During this last project I took care of the customer, staying by his side for the entire duration of the project and carrying out additional tasks that helped me to improve my soft skills.

01/06/2017 – 31/08/2017 Rome, Italy
INTERNSHIP - SOFTWARE DEVELOPER ENGINEER NTT DATA ITALIA S.P.A.

I worked in a team of five and we developed a portal for an important energetic company. The portal can was used by their employees (from all the countries) to request devices, services, software, to open tickets and check the status of all their requests. We also followed the "go live" phase and the subsequent monitoring and support in the production environment.

EDUCATION AND TRAINING

01/11/2020 – CURRENT Rome, Italy
PHD IN COMPUTER SCIENCE La Sapienza University of Rome

Address Via Salaria, 113, 00198, Rome, Italy

09/2018 – 23/10/2020 Rome, Italy
MASTER DEGREE IN COMPUTER SCIENCE La Sapienza University of Rome

Address Via Salaria, 113, 00198, Rome, Italy

09/2013 – 03/2017 Rome, Italy
BACHELOR DEGREE IN COMPUTER SCIENCE La Sapienza University of Rome

Address Via Salaria, 113, 00198, Rome, Italy

09/2008 – 06/2013 Rome, Italy
HIGH-SCHOOL DIPLOMA Liceo Scientifico Statale "Giuseppe Peano"

Address Via Francesco Morandini, 38, 00142, Rome, Italy

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C1	C1

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

DIGITAL SKILLS

Programming Languages

Python │ PyCharm │ SQL │ Javascript │ CSS │ Java │ HTML

Tools & Libraries

Git, GitHub │ LaTEX │ Librerie Python (numpy, pandas, scipy, matplotlib, scikit-learn, ecc.) │ Micrososoft Azure │ IDE IntelliJ IDEA │ Hibernate, jpa │ NetworkX │ Google Colaboratory │ Keras │ Machine Learning: TensorFlow & PyTorch & Scikit-learn

Others

Deep Learning │ Machine Learning │ Algorithms │ Data Analysis │ NLP │ Data cleaning │ Data Mining

ADDITIONAL INFORMATION

PUBLICATIONS

A Novel GAN-Based Anomaly Detection and Localization Method for Aerial Video Surveillance at Low Altitude
– 2022

AI-based Data Preparation and Data Analytics in Healthcare: The Case of Diabetes – 2022

From Bricks to Bridges: Product of Invariances to Enhance Latent Space Communication – 2023

Real-Time GAN-Based Model for Underwater Image Enhancement – 2023

LOB-Based Deep Learning Models for Stock Price Trend Prediction: A Benchmark Study – 2023

Bootstrapping Parallel Anchors for Relative Representations – 2023

DRIVING LICENCE

Driving Licence: B

SCHOLARSHIPS

2021 Zonta International Women in Technology Scholarship

Zonta International awarded 20 international scholarships to women of any age and nationality, pursuing an IT degree at an accredited university, who demonstrate outstanding potential in the field.

Avvio alla Ricerca

Research grant for young researchers and Ph.D. students.

TALKS

Introduction to Computer Science and Artificial Intelligence

FA'23 workshop

Communicating between latent spaces with limited semantic correspondence

Introduction to Artificial Intelligence

Invited Talk at Sapienza School of Advanced Studies (SSAS)

Panelist for WiDS Rome Event

Women in Data Science (WiDS) 2021 ROME Event