



# GIUSEPPE SORGENTONE CURRICULUM VITAE



Date of birth / 05/01/1999 Age / 26

Nationality/ citizenship / Italy

ROSETO DEGLI ABRUZZI (TE)

Driving licence / B

ID / 5427317 updated on 10/11/25

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## SOCIAL NETWORK



## FOREIGN LANGUAGE SKILLS

MOTHER TONGUE(S): Italian



ENGLISH	EXCELLENT	C1	C1	C1	C1	C1
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SPANISH	LIMITED	A2	A2	A2	A2	A1
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## DIGITAL COMPETENCES

### DigComp

Information and data literacy Proficient user

Communication and collaboration Proficient user

Digital content creation Proficient user

Safety Proficient user

Problem solving Proficient user



## WORK EXPERIENCES

### IT Consultant

#### TECHNOLOGY REPLY

Computer science, data processing and acquisition  
BOLOGNA (BO)  
06/2024 - present

**Main activities and responsibilities:** Served as an IT Consultant for banking clients, working on the development and maintenance of Risk Management and Back Office systems for transaction rating, debt restructuring and collateral management.

Worked on system implementation and preliminary technical analysis, collaborating with functional teams and translating business requirements into documentation for the development team.

**Acquired skills and achieved objectives:** Java, Quarkus, Hibernate, Panache, Oracle DB, Mockito, Git, Python, Apache Spark, PySpark  
Employed as: other - indeterminate length contract | Company sector: Engineering and design

### AI and Python Developer

#### TIMELAPSELAB

Computer science, data processing and acquisition  
MANTOVA (MN)  
10/2023 - 01/2024

**Main activities and responsibilities:** Development of a platform for alerting, monitoring, and statistics collection for construction sites using AI (object detection, human re-identification), and Python. Development of a web application to assess the construction progress of a building through 3D models (BIM).

**Acquired skills and achieved objectives:** YOLO, ResNet, OpenCV, Python, BIM, JS, Three.js, Node.js,  
Employed as: intern/trainee - undergraduate internship | Number of hours: 486 | Company sector: Engineering and design

### Tutor

#### LABORATORIO DELLA RAGIONE

Education, training, research and development  
ROSETO DEGLI ABRUZZI (TE)  
08/2022 - 12/2023

**Main activities and responsibilities:** Providing tutoring sessions, academic support, and homework assistance in mathematics, physics, and computer science  
Volunteer activities



## ACADEMIC STUDIES

### MASTER'S DEGREE

2021 - 2024

#### CERTIFIED TITLE



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

Alma Mater Studiorum - Università di Bologna

Scuola di Ingegneria e Architettura

INGEGNERIA INFORMATICA

specific field of the degree course: curriculum ingegneria informatica

LM-32 - 2nd level degree in Computer engineering

Dissertation/thesis title: Development of applications for detection, re-identification and progress monitoring on construction sites using deep learning | Dissertation/thesis subject: SISTEMI DIGITALI M | Thesis supervisor: POGGI MATTEO

Age at graduation: 25 | Official duration: 2 years

Final degree mark: 107/110

Graduation date: 19/03/2024

### BACHELOR'S DEGREE

2018 - 2021

#### CERTIFIED TITLE



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

Alma Mater Studiorum - Università di Bologna

Scuola di Ingegneria e Architettura

INGEGNERIA INFORMATICA

L-8 - 1st level degree in Information technology

Dissertation/thesis title: Simulation of Alerting Applications in Vehicular Ad Hoc Networks using Veins Framework |

Dissertation/thesis subject: TECNOLOGIE WEB T | Thesis supervisor: BELLAVISTA PAOLO

Age at graduation: 22 | Official duration: 3 years

**SCIENTIFIC CERTIFICATE**  
ROSETO DEGLI ABRUZZI  
2018

Scientific High School  
*Polo Liceale Statale Saffo*, ROSETO DEGLI ABRUZZI (TE)  
School-leaving examination mark: **95/100**  
Kind of secondary school diploma: Italian secondary school diploma  
Kind of secondary school attended: Public school



## INFORMATION TECHNOLOGY SKILLS

### OFFICE AUTOMATION

**Presentation Software:** (Highly Specialised) | **Spreadsheets:** (Highly Specialised) | **Web Browser:** (Highly Specialised) | **Word Processors:** (Highly Specialised)

### COMPUTER PROGRAMMING

PySpark (Highly Specialised), Quarkus (Advanced) | **Markup languages:** CSS (Advanced), HTML (Advanced) | **Mobile Application Development:** Mobile Developer (Advanced) | **Programming languages:** Bash (Advanced), C (Advanced), C++ (Intermediate), Go (Advanced), Java (Highly Specialised), JavaScript (Advanced), Prolog (Intermediate), Python (Advanced), Scala (Foundation), SQL (Highly Specialised)

### SYSTEMS AND NETWORKS MANAGEMENT

**Network architecture:** (Advanced) | **Operating systems:** Linux (Highly Specialised)

### DATA MANAGEMENT

**Big Data:** Apache Spark (Highly Specialised) | **DBMS:** (Advanced)

### GRAPHICS AND MULTIMEDIA

**Vector graphics editor:** Microsoft Visio (Advanced)