



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

giuseppe.sorgentone.mail@gmail.com

3497739715

SOCIAL NETWORK



FOREIGN LANGUAGE SKILLS

MOTHER TONGUE(S): Italian



ENGLISH EXCELLENT C1 C1 C1 C1 C1

SPANISH LIMITED A2 A2 A2 A2 A1

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 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 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

Final degree mark: **97/110**
Graduation date: 08/10/2021

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)