

● WORK EXPERIENCE

06/2015 – 08/2016 – Valenzano (BA), Italy

DATA ANALYST & FULL STACK DEVELOPER – NEXTOME S.R.L.

- Designing and developing Data Analytics Engine. Java/Cassandra/Spark environment
- Evolutionary maintenance, design and development CMS. Java/PostgreSQL/Spring environment

11/2012 – 11/2016

SOFTWARE DEVELOPER

Designing and developing:

- e-commerce and website
- mobile apps

04/2014 – 06/2014 – Noci (BA), Italy

IT TEACHER – ASSOCIAZIONE YOUNG

Traning and seminars on Microsoft Windows 7 and Microsoft Office 2013

2008 – 2012 – Noci (BA), Italy

IT SYSTEMS TECHNICIAN

● EDUCATION AND TRAINING

01/11/2019 – CURRENT – Roma (RM), Italy

PH.D IN COMPUTER SCIENCE – Department of Computer Science - Sapienza University of Rome

01/11/2016 – 22/10/2019 – Roma (RM), Italy

MASTER DEGREE IN COMPUTER SCIENCE – Department of Computer Science - Sapienza University of Rome

110 cum laude

09/2008 – 28/04/2016 – Bari (BA), Italy

BACHELOR DEGREE IN COMPUTER SCIENCE – Department of Computer Science - University of Bari

100

09/2003 – 07/07/2008 – Via della Resistenza, 40, Castellana Grotte (BA), Italy

HIGH SCHOOL DIPLOMA - COMPUTER SCIENCE – Istituto Tecnico Industriale Statale Luigi Dell'erba

● LANGUAGE SKILLS

Mother tongue(s): ITALIAN

Other language(s):

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

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

● ALTRE COMPETENZE

Other skills

- Tin soldering on printed circuits
- Prototyping of printed circuits
- Programming of drones

● PUBLICATIONS

GenPath - A Genetic Multi-Round Path Planning Algorithm for Aerial Vehicles

2020

DANGER - a Drones Aided Network for Guiding Emergency and Rescue operations

<https://doi.org/10.1145/3397166.3415276> - 2020

MIMOSE: Multimodal Interaction for Music Orchestration Sheet Editors

<https://doi.org/10.1007/s11042-019-07838-0> - 2019

SMARTEEX: a software tool for SMART Environment Experiments

<https://doi.org/10.1109/INFCOMW.2019.8845130> - 2019

● PROJECTS

2020 - 2020

Minerva Chatbot for COVID-19

Research and development of a chatbot for facebook for the dissemination of safe news about Covid19 and for the prevention of fake news.

● RESEARCH

2020 – CURRENT

Research activity on protocols for mobile networks and UAV squad

Research on communication protocols for UAV squad to guiding emergency and rescue operations.

This work included the following activities:

- development of network protocols on simulator for performance testing
- prototyping of drones equipped with electronic boards for wireless transmission
- field tests and analysis of experimental data

This research activity ended with the publication of the work: DANGER - a Drones Aided Network for Guiding Emergency and Rescue operations.

● CONFERENCES AND SEMINARS

2020

Participant ACM Mobihoc 2020: International Symposium on Theory, Algorithmic Foundations, and Protocol Design for Mobile Networks and Mobile Computing.
