EUROPEAN CURRICULUM VITAE FORMAT

PERSONAL INFORMATION

Name	**TRESCA GIULIA**
Address	**VIA SANT'ANTONIO 60, 76121, BARLETTA, ITALIA**
Telephone	**3889371864**
Fax	
E-mail	**giuliatresca01@gmail.com**
Nationality	Italian
Date of birth	01/05/1996

WORK EXPERIENCEù

• Dates (from – to)	**02/2020 – 10/2020**
• Name and address of employer	Iot 4.0 private public laboratory at the Polytechnic of Bari Laboratory born from the collaboration between the Elettric 80 and SM.I.LE 80 companies, ISIRES - Research Organization S.R.L and the Polytechnic of Bari.
• Type of business or sector	Winner of the postgraduate scholarship concerning the activity of "Optimization and control algorithms for the management of internal logistics"
• Occupation or position held	
• Main activities and responsibilities	

EDUCATION AND TRAINING

• Dates (from – to)	2020 - now
• Name and type of organisation providing education and training	Ph.D. degree in the Department of Electrical and Information Engineering - Politecnico di Bari
• Dates (from – to)	2018 – 2020
• Name and type of organisation providing education and training	Master's Degree - Politecnico di Bari
• Principal subjects/occupational skills covered	- Analysis of a dataset for environmental monitoring using Spark and the "mllib" library machine learning available on Spark (Big Data Course). - Optimization and implementation of environments and levels in a serious game, based on a surgery room, using Unity 3D (Human Machine Interaction Course). - Implementation of a framework for the automated segmentation of brain tumors using symmetry analysis (Image processing and Artificial Vision course). - Manual implementation in Python of AI algorithms - uniform and informed search, local search - and ML techniques - data preprocessing, linear regression, logistic regression, neural networks, clustering. (Artificial Intelligence and Machine Learning course) - Thesis in Smart Bin Packing Systems For Logistics 4.0
• Title of qualification awarded	Master's Degree in Computer Science Engineering – curriculum Information Systems

• Dates (from – to)	2015-2018
• Name and type of organisation providing education and training	Politecnico di Bari
• Principal subjects/occupational skills covered	Thesis in Electrical Communication entitled "Experimental analysis of LoRaWAN technologies in environmental monitoring applications".
• Title of qualification awarded	Bachelor's degree in Computer Science and Automation Engineering

PERSONAL SKILLS AND COMPETENCES

Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

ENGLISH

• Reading skills	EXCELLENT
• Writing skills	EXCELLENT
• Verbal skills	EXCELLENT

SOCIAL SKILLS AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

Sociability, empathy and the ability to interact in multicultural environments, acquired in numerous study trips abroad during high school and by sharing an apartment for the entire duration of university studies.

Team building, team working and strategic communication skills learned during the "Poliba Soft Skill - Training Academy" course and practiced especially during master's studies in group activities and with participation in the AIJA (Apulian Israel Joint Acellerator) project through which I had the opportunity to collaborate in a team with some guys from Technion (Israel Institute of Technology)

ORGANISATIONAL SKILLS AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

Experience in the management of the autonomous organization of work, defining priorities and assuming responsibilities made through the various professional and university experiences previously listed during which I was asked to manage the various activities respecting set deadlines and objectives.

Problem solving skills learned and perfected in the "Poliba Soft Skill - Training Academy" course.

Expertise in the field of risk recognition, analysis and management learned through the extra-curricular Risk Management exam.

Basic experience in household budget management

TECHNICAL SKILLS AND COMPETENCES

With computers, specific kinds of equipment, machinery, etc.

- Good knowledge of the office package;
- Programming languages: C, C ++, C #, Matlab, Java, Python;
- DBMS languages: SQL, MySQL.

OTHER SKILLS AND COMPETENCES

Competences not mentioned above.

Participation in the AIJA (Apulian Israel Joint Acellerator) project: workshop in collaboration with Politecnico di Bari, Technion (Israel Institute of Technology) and various companies in the aerospace sector located in Puglia (Sitael, Planeteck ...) carrying out a feasibility study of a communication between car and satellite.

ADDITIONAL INFORMATION

Pubblication: Tresca, G. , Vista, F. and Boccadoro, P. (2019), Experimenting LoRacompliant solutions in Real-World Scenarios. Internet Technology Letters. Accepted Author Manuscript. doi:10.1002/itl2.136

Bari, 21/10,2020

Signature