Danilo Mazzarella

Gender Male
Birthdate 05/11/1996
Nationality Italian

JOB APPLIED FOR
POSITION
PREFERRED JOB
STUDIES APPLIED FOR

System administrator and Data scientist

WORK EXPERIENCE

05/2022-present

Junior Research Associate – Supercomputing Center (SCC) Division
Linux programming and administration, supercomputing hardware and networking management.
Development and optimization of several C/Bash programs, daemons and scripts.
Experience in IBM Spectrum Scale's administration and management utilities.
CMCC Foundation – Lecce

11/2021-12/2021

Internship in High Performance Computing
Data retrieval and processing using Python and related data structures.
University of Salento – Lecce

EDUCATION AND TRAINING

2019-2022 **Master's degree in Computer Engineering**
with a grade of 110/110
Degree Thesis in High Performance Computing, about projecting the
likelihood of civil conflict under climate change through Machine Learning.
University of Salento – Lecce

2015-2019 **Bachelor's degree in Ingegneria dell'Informazione**
with a grade of 110/110
Degree Thesis in Electromagnetic solutions for the Hi-Tech, about
evaluating RFID tag electromagnetic performances in Ultra High
Frequency, considering the testing environments influence.
University of Salento – Lecce

2010-2015 **High School Scientific Degree**
with a grade of 94/100
Liceo Scientifico "G. Galilei", Nardò (LE)

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

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

English

Communication skills Excellent relational and communication skills
Ability to collaborate and integrate in international contexts
Excellent team working and problem solving skills
High propensity for development, consolidation and update of professional knowledge and
skills needed in the working context
High organizational aptitude and compliance with deadlines

Organisational / managerial skills	Excellent organizational and team working skills, developed thanks to activities and projects related to all the university courses

Computer skills	**Operating systems** Unix, macOS, Windows

Framework and Tools
TensorFlow + Keras, Angular, Node.js, Spring, Cisco Packet Tracer

Programming languages
C, Python, Bash, Java, Javascript, SQL, HTML, CSS

Programming and development environments
Eclipse, MySQL, Visual Studio, Visual Studio Code, Jupyter Notebook, PyCharm

Other skills
Machine Learning, Deep Learning, Artificial Intelligence (TensorFlow + Keras), Parallel computing and programming (MPI, OpenMP), GPU Programming (CUDA), UML, Office Suite, PowerShell, Bash, WSL, Arduino, Postman, Neo4j

Driving licence	B