europass

Jary Pomponi

Indirizzo e-mail

ESPERIENZA LAVORATIVA

31 GEN 16 – 31 AGO 16 Roma, Italia
INTERNSHIP IN IT CONSULTING SOPRA STERIA

Designed and developed a software that allows Enel to efficiently play the energy market and manage the resources.

31 AGO 18 – 31 GEN 19 Roma, Italia
NATURAL LANGUAGE PROCESSING PROJECT BABELSCAPE

Designed and developed a question answering system over a multi-domain knowledge base using parsing trees and ANNs

31 MAR 19 – 31 OTT 19 Roma, Italia
MOBILE APP DEVELOPER GLR SOLUTIONS

ISTRUZIONE E FORMAZIONE

31 AGO 13 – 31 DIC 14 Roma, Italia
COMPUTER SCIENCE Università la Sapienza

31 AGO 16 – 21 LUG 19 Roma, Italia
MASTER IN ARTIFICIAL INTELLIGENCE AND ROBOTICS Università la Sapienza

31 OTT 19 – 31 DIC 22 Roma, Italia
PHD STUDENT IN ARTIFICIAL INTELLIGENCE Università la Sapienza

1 GEN 23 – ATTUALE Rome, Italia
RESEARCHER IN ARTIFICIAL INTELLIGENCE Università la Sapienza

COMPETENZE LINGUISTICHE

Lingua madre: **ITALIANO**

Altre lingue:

	COMPRENSIONE		ESPRESSIONE ORALE		SCRITTURA
	Ascolto	Lettura	Produzione orale	Interazione orale	
INGLESE	B2	B2	B1	B1	B1

Livelli: A1 e A2: Livello elementare B1 e B2: Livello intermedio C1 e C2: Livello avanzato

COMPETENZE DIGITALI

Neural Networks | Conoscenza base di Linux (Ubuntu) | Ottima Conoscenza di Python3 | Framework Deep Learning: scikit-learn, tensorflow, pytorch | Creazione e Gestione database in linguaggio SQL | Buona conoscenza del linguaggio di programmazione Java

PUBBLICAZIONI

2020
Efficient continual learning in neural networks with embedding regularization

2020
DeepRICH: learning deeply Cherenkov detectors

2021
Bayesian neural networks with maximum mean discrepancy regularization

2021
Structured Ensembles: an Approach to Reduce the Memory Footprint of Ensemble Methods

2021
Avalanche: an End-to-End Library for Continual Learning

2022
A Probabilistic Re-Intepretation of Confidence Scores in Multi-Exit Models

2022
Pixle: a fast and effective black-box attack based on rearranging pixels

2023
Continual learning with invertible generative models

2023
Rearranging Pixels is a Powerful Black-Box Attack for RGB and Infrared Deep Learning Models

2024
NACHOS: Neural Architecture Search for Hardware Constrained Early Exit Neural Networks

Cascaded Scaling Classifier: class incremental learning with probability scaling

2024
Joint or Disjoint: Mixing Training Regimes for Early-Exit Models

Bartłomiej Krzepkowski et al

2024
Conditional computation in neural networks: principles and research trends

Simone Scardapane et al

2024
Adaptive Semantic Token Selection for AI-native Goal-oriented Communications

Alessio Devoto, Jary Pomponi, Simone Petruzzi, Paolo Di Lorenzo, Simone Scardapane

2025
Goal-oriented Communications based on Recursive Early Exit Neural Networks

Jary Pomponi, Mattia Merluzzi, Et al.

PATENTE DI GUIDA

Patente di guida: B