Curriculum Vitae

PERSONAL INFORMATION

Family name, First name: Bianchi, Edoardo

WORK EXPERIENCE

2018 – 2019   Full Stack Developer at TEQ SA

EDUCATION

2023—current   Ph.D. in Computer Vision, Free University of Bolzano-Bozen
2021 – 2023   M.Sc. in Computational Data Science, Free University of Bolzano-Bozen
2017 – 2021   B.Sc. in Computer Science, University of Insubria

PROJECTS (selected)

- Transformers-Based Smoke and Fire Detection in Forest Environments
- GIVA - GPT-Based Vocal Virtual Assistant
- T5-Based Headline Generator
- Real-Time Credit Card Transaction Analysis
- Toxic Comments Classification NLP project focused on the Semantic Representation of text
- Theme Park Ride Accidents Analysis

HONOURS and AWARDS

- 2nd place at the MECCANO Challenge, presented at the International Conference on Image Analysis and Processing

CERTIFICATIONS (selected)

- LangChain for LLM Application Development – DeepLearning.AI, LangChain
- Building Systems with the ChatGPT API – DeepLearning.AI, OpenAI
- Scalable Machine Learning on Big Data using Apache Spark – IBM
- Data Analytics with Python – Alison
- Microsoft Azure AI Fundamentals – Microsoft

ATTENDED CONFERENCES & SUMMER SCHOOLS (selected)

- Advanced Course on Data Science and Machine Learning
- International Summer School on Software Engineering - Bolzano, Italy
- Data + AI Summit by Databricks - Virtual Event

PUBLICATIONS (selected)

1. E. Bianchi, O. Lanz: Egocentric video-based human action recognition in industrial environments. International Symposium on Industrial Engineering and Automation, ISIEA 2024.