



Alessio Mancinelli

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🐙 **Github:** <https://github.com/Raiseku>

ABOUT ME

My name is Alessio Mancinelli, a knowledge-hungry & music-lover young guy with a great passion for computer science. Videogames pushed me to deepen this field and to choose it as a profession. I completed my Master Degree in Computer Science in July 2021 at the University of Perugia with a thesis about Explainable Artificial Intelligence. In my spare time, i enjoy being a guitarist and a home cook.

EDUCATION AND TRAINING

Master's Degree

University of Perugia [2019 – 2021]

Address: Computer Science Intelligent And Mobile Computing,

Final grade : 110 cum laude

Thesis: An argumentative explanation of Machine Learning Outcomes

Development of an Explainable Artificial Intelligence model that, thanks to the use of Argumentation Framework, allowed to provide an explanation for the predictions given by Machine Learning algorithms.

Skills: Python, Html, Css, Javascript, JQuery, Cytoscape, Flask, NetworkX, Pandas

Bachelor Degree

University of Perugia [2016 – 2019]

Address: Computer Science,

Final grade : 108

Thesis: Models of user behavior in an academic Learning Management System

Research and development of two Machine Learning models that were able to predict the outcome of a student's exam based on its behavior within the academic platform.

Skills: Python, Pandas, Keras, Scikit-learn, Data Analysis

Scientific Diploma

Roselli Rasetti Technical Institute [2011 – 2016]

Address: Information Technology and Telecommunications,

WORK EXPERIENCE

Software Developer

Micra Software & Services [09/2021 – Current]

City: Perugia

Country: Italy

Responsible for code development of Machine Learning and Natural Language Processing applications in the legal field.

Full Stack Developer for products and services in the legal field.

Tutor of PCTO students and interns.

Freelancer

Fiverr [2021 – Current]

Offering my programming skills to make Machine Learning based applications and Telegram Chatbots.

Researcher

University of Perugia [01/2021 – 04/2021]

Research on applications and state of the art of Explainable Artificial Intelligence. Use of existing products and study of possible insights.

Programming Language: Python

Programmer

University of Perugia [12/2017 – 03/2018]

Creation of a Plug-in for the E-Learning platform Moodle.

Programming Languages: PHP, HTML, CSS, Javascript/Jquery, SQL

PUBLICATIONS

An Argumentative Explanation of Machine Learning Outcomes

[2022]

<https://ebooks.iospress.nl/doi/10.3233/FAIA220166>

Stefano Bistarelli, Alessio Mancinelli, Francesco Santini, Carlo Taticchi

Computational Models of Argument - Proceedings of COMMA 2022, Cardiff, Wales, UK, 14-16 September 2022

Hate Speech and Stereotypes with Artificial Neural Networks

[2022]

https://link.springer.com/chapter/10.1007/978-3-031-10545-6_2

Giulio Biondi, Valentina Franzoni, Alessio Mancinelli, Alfredo Milani, Rajdeep Niyogi

Computational Science and Its Applications - ICCSA 2022 Workshops - Malaga, Spain, July 4-7, 2022, Proceedings, Part III

Behaviour Models for a University LMS

[2022]

https://link.springer.com/chapter/10.1007/978-3-031-10545-6_3

Giulio Biondi, Valentina Franzoni, Alessio Mancinelli, Alfredo Milani

Computational Science and Its Applications - ICCSA 2022 Workshops - Malaga, Spain, July 4-7, 2022, Proceedings, Part III

LANGUAGE SKILLS

Mother tongue(s): **Italian**

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

DIGITAL SKILLS

My Digital Skills

Artificial Intelligence - Machine Learning - Data Analysis

Data Gathering, Data Processing, Data Visualization, Data Analysis / Keras / Natural language processing / Machine learning / Watson / Explainable Artificial Intelligence / Scikit Learn

Languages

PHP / SQL / Java / Javascript / Bootstrap / CSS / HTML / Angular / Typescript / Python

Software & Platforms

Visual Studio / Eclipse / Visual Studio Code / PhpMyAdmin / Python Anaconda Environmnet

Github

Deploying with Heroku / Git

Blockchain

Oracle Blockchain Platform / Ethereum Blockchain API web3 Smart Contracts in Solidity

I give consent to process my data with the purpose of the recruitment process, in accordance to the Regulation of the European Parliament 679/2016, regarding the protection of natural persons and free movement of such data.