MARTINO MENSIO
Software Engineer

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Personal website 🌐
GitHub ⌨
LinkedIn in
Google Scholar 🎓

ABOUT ME

Italian nationality - 30/06/1993

I am deeply curious of discovering how things work. For this reason, I love using and developing open source. I am collaborative and open-minded.
I like clean, maintainable and tested codebases.

TECHNICAL SKILLS

Programming Languages:

Python:	●●●●●
JavaScript:	●●●●○
Java:	●●●●○
C:	●●●○○
C++:	●●○○○

Backend Web:

FastAPI:	●●●●●
Flask:	●●●●○
NodeJS:	●●●○○
SpringBoot:	●●○○○

Frontend Web:

Angular:	●●●●○

Machine Learning:

spaCy:	●●●●●
Tensorflow:	●●●●○
transformers:	●●●●○
Keras:	●●●●○
scikit-learn:	●●●●○

Databases:

MongoDB:	●●●●●
MariaDB:	●●●●○
SQL:	●●●●○

Development Tools:

git:	●●●●●
docker:	●●●●●
vs-code:	●●●●○

LANGUAGES

Italian:	Native
English:	C1
French:	A2
Dutch:	A1

PROFESSIONAL EXPERIENCE

Research Assistant - Knowledge Media Institute, Milton Keynes, UK
May 2018 – March 2023

Implementation of pipelines for automatic classification of text and audio, building REST API to interchange data with other institutes, full stack development of interactive applications for displaying output analyses.

Internship for MSc Thesis Project - LINKS Foundation, Turin, Italy
March 2017 – March 2018

Researched and built conversational agents (bots). Acquired deep knowledge of ML methods for NLP and Python for services and Machine Learning.

Frontend Developer - Scloby SRL, Turin, Italy
March 2015 – September 2015

Developed modules of an application to manage restaurants and End2End tests to emulate user interaction.

PROJECTS

Spacy-universal-sentence-encoder ⌨ 🌐
January 2020 – Current

Integration of NLP library with external models. Created and maintained many open source repositories on GitHub (232k pypi downloads). Deepened knowledge of git workflows, collaboration, CI/CD pipelines.

MisinfoMe ⌨ 🌐
October 2018 – March 2023

Tool to track, analyse and nudge misinformation spreaders on Twitter. Full stack implementation of frontend and backend microservices.

BotCycle ⌨
March 2017 – March 2018

Chatbot that offers recommendations of bike sharing availabilities via natural language. Created web services for language models and telegram, implemented ML models to understand the user sentences.

ToMove ⌨ 🌐
June 2017 – August 2017

App for public transport information and directions between two points. Developed backend microservices.

EDUCATION

PhD in Data Science - Knowledge Media Institute, Milton Keynes, UK
October 2019 – Current

PhD analysing methods to detect propaganda in news sources. Theory, ideation, and implementation of ML models. Creation of pipelines and backend services.

MSc in Software Engineering - Polytechnic University, Turin, Italy
October 2015 – April 2018

Grade: 110 Cum Laude (out of 110 points), in-major GPA: 29.93/30.

BA in Computer Engineering - Polytechnic University, Turin, Italy
October 2012 – December 2015

Grade: 109 (out of 110 points), in-major GPA: 28.66/30.

Theory: Machine Learning, Propaganda Detection, Statistics, Feature Analysis, Interpretability, Distributed programming, Web applications, REST, System security, Formal languages, Optimization, Relational DBMS, Agile/Scrum, Algorithms and Data Structures, OOP, Computer Networks ISO-OSI, Operating Systems.