

EXPERIENCE

- **Jobtome** Stabio, Switzerland
Software Engineer Nov 2021 - Present
 - Job Categorizer:** Classification model developed and deployed on **GCP**, using **NLP deep learning techniques (BERT, CNN)**, that processes approximately **1 million of jobs per day**.
 - Job Offers Crawler:** Software architecture written in **Python**, composed by more than **400 crawlers** for many different types of web pages, scheduled and executed in production using **Docker, Airflow and Kubernetes**, capable to collect **100k jobs per day**.
- **Polytechnic University of Milan** Milan, Italy
Research Fellow Oct 2019 - Oct 2021
 - PRIN:** worked on data pipeline for **ingesting and analyze thousands of news, social media posts and open data per day**, with objective of discovering and exploiting new ways to connect known sources of data with open data.
 - Periscope:** Monitored **3 millions of Italian conversations around vaccines on social media** (Twitter, Facebook) and understand the interplay between online public discourse and vaccine hesitancy/uptake rates.
 - Italian Museums Reputations:** Developed a data pipeline for ingesting, analyzing and producing insights from **hundreds of online reviews and social media posts per day**, from **100 Italian museums**.
- **Deloitte Digital** Milan, Italy
Software Developer Feb. 2019 - Aug. 2019
 - **Salesforce Projects:** Developer role on international cloud projects using **Salesforce** technology, which includes several programming languages such as **Java** and **Javascript**.

EDUCATION

- **Polytechnic University of Milan** Milan, Italy
M.Sc. in Computer Science and Engineering; Final grade: 110 with honors/110 Sep. 2016 – Apr. 2019
- **Polytechnic University of Milan** Milan, Italy
Bachelor Engineering of Computing Systems Sep. 2013 – Sep. 2016

SELECTED PUBLICATIONS

- **ICWSM 2021 - Online:** *A Content-based Approach for the Analysis and Classification of Vaccine-related Stances on Twitter: the Italian Scenario*; Collection and analysis of 3 millions of Italian conversations about COVID-19 vaccines on Twitter, investigating the geographical, temporal and lexical distribution of data. Trained a binary classifier that predicts the stance of tweets towards vaccines. **Link**
- **ICWE 2020 - Helsinki, Finland:** *Generation of Realistic Navigation Paths for Web Site Testing using Recurrent Neural Networks and Generative Adversarial Neural Networks*. Method for generating high-quality weblog data using deep learning techniques, involving comparison of results with a suite of data mining algorithms as a baseline. **Link**

SKILLS

- **Languages:** Python, Java, Javascript, C++ **Technologies:** GCP, Docker, Kubernetes, Airflow, Pandas, Numpy, Matplotlib, Scikit-Learn, Tensorflow, Keras, Flask, FastAPI.