



JUAN MANUEL ARAGON ARMAS

Data Scientist and Data Engineer

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Turin, Italy

in juanMAragon

juanMAragon

SKILLS

Python

Pytorch

Keras

Scikit-learn

TF-lite

SQL

Spark

Matlab

MongoDB

Hadoop

Tableau

Excel

PowerBI

Bash

Git

C

Django

Assembly (MIPS)

Php

LANGUAGES

Spanish: **Native**

Italian: **C1**

- Celi B2, 2017

English: **C1**

- Toefl C1, 2020

SOFT SKILLS

Time Management

Creativity

Work ethic

Self-learner

EDUCATION

MSc Data Science and Engineering | [Politecnico di Torino](#)

October 2020 – present

Turin, Italy

- Language: English
- GPA: 27/30

BSc Software Engineer | [Politecnico di Torino](#)

October 2017 – December 2020

Turin, Italy

- Language: Italian
- GPA: 97/110

BSc Software Engineer | [Universidad Rafael Landivar](#)

January 2016 – April 2017

Guatemala, Guatemala

- Language: Spanish
- GPA: 92/100

PROJECTS

Edge-Cloud collaborative Inference

October 2021 – February 2022

- Applied data cleaning and feature extraction techniques to a meteorological dataset to develop a regression model capable of predicting dengue outbreaks with low

SIR epidemic model simulation

October 2021 – February 2022

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Real-time Domain Adaptation in Semantic Segmentation |

March 2021 – July 2021

- Experienced the domain shift effect, predicting segmentation labels for CamVid while training models on IDDA.
- Applied domain adaptation techniques and improved the accuracy with a self-supervised approach generating pseudo-labels.