

Angelo Pio Sansonetti

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Links

Github: [angelosansonettip](#)
LinkedIn: [angelo-pio-sansonetti](#)

Skills

AREA OF EXPERTISE

Machine learning,
Deep learning (Keras), OOP,
Android software development,
Web development

OS

GNU/Linux, Windows

TECH LANGUAGES

Java, Python, SQL,
JavaScript, PHP, C

FRAMEWORK

Spring Boot, Laravel

DATABASES

MongoDB, Firebase, GraphDB, MySQL

LANGUAGES

Italian (mother tongue)
English (fluent)

Summary

I am a recent graduate in Artificial Intelligence with top marks. Data science and machine learning are both topics that captivated me during my academic career and I have developed several related projects which are available on my GitHub profile. I'm a willing and eager individual who wants to hands on, develop personally and create innovative solutions to complex problems.

Experience

8/11/2021 - **Poste Italiane**

Fraud Prevention Analyst

1/08/2021-30/09/2021 **University of Turin**

Educational collaboration

This is a collaboration in support of teaching that involves organizing cycles of exercises on the theme of reinforcement learning applied to games

03/2021-06/2021

Curricular internship for master thesis

A system that autonomously learns high-level planning-oriented representations in a complex, multi-instance domain was developed. This contribution is a first step in the study of an abstract representation learned in an unsupervised way through autoencoder and reusable in multiple domain instances. The proposed solution solved 77% of the instances of a dungeon game

Python, Keras, Numpy, Gym

03/2019-06/2019 **SWAP group**

Curricular internship for bachelor thesis

'Hate Checker' is a tool that automatically identifies 'haters' on social networks by associating a score to each user profile. This was possible using an approach based on lexicons and sentiment analysis techniques. The whole analysis process is made available through a web service. The algorithm successfully detected between 78% and 97% of the online haters regardless of the specific category

Java, Javascript, Ajax, Spring Boot, MongoDB

06/2016-10/2016 **Nextome**

Web developer

This experience involved the development of a system to manage the installed beacons and their data geographically

Laravel, Ajax, Javascript, PHP, Bootstrap, SQL

Education

9/2019-16/7/2021 **MSc in Artificial Intelligence**

University of Turin

Thesis title: Generating Autoencoder's representation for planning in multi-instance domain problems

Cumulative GPA: 4.0

9/2016-18/7/2019 **Bachelor in Computer Science**

University of Bari

Thesis title: Analysis of User-Generated Content for Automatic Detection of Hate Speech on Social Networks

Cumulative GPA: 4.0

9/2011 - 6/2016 **Diploma in Computer Science**

I.I.S.S. Luigi dell'Erba

Cumulative GPA: 4.0