

Andrea Cognolato

Computer Engineering student - Polytechnic of Turin

WORK

Polytechnic of Turin, Research Stage

October 2019 - Now

Worked with a PhD student (Eliana Pastor) on a novel framework (LACE) for analyzing black box classifiers.

As a part of my responsibilities I had to read articles in the field of Explainable Artificial Intelligence, develop and optimize scientific Python code, and build a web demo to showcase the framework's capabilities.

Upwork, Remote —Freelance Software Developer

September 2017 - September 2019

Web design, backend and frontend web development using HTML, CSS and JS.

Developed in C++ a pool, a block explorer, and made modifications to the cryptocurrency's daemon.

Managed the deployment of these systems on Linux VPSs hosted by Digital Ocean and AWS (Amazon Web Services) cloud services.

EDUCATION

Polytechnic of Turin - Computer Engineering

Ottobre 2017 - Now

Current GPA: 28.4/30 (3.8/4)

Galileo Ferraris Scientific High School, Turin

September 2012 - July 2017

Final grade: 93/100

OTHER EXPERIENCES

BOSCH Mobility Hackathon

I have participated in a Hackathon with the aim to find a solution for traffic, parking, multimodality, and accessibility issues for the city of Milan. We have analyzed the data from the sources provided by the organizers using Python+Jupyter, AWK, and SAS to validate our idea: a car pooling service for children who attend the same school. We then built a proof of concept using React, Bootstrap and the TomTom Api.

Open Source contributions

Contributed to many open source projects in my free time such as facebook/reason and xi-editor/druid.

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AWARDS

Young Talents

Program(Politecnico di Turin)

-September 2017 - Present

Excellence program dedicated to the top 5% of the students of each academic year.

1° place - Science Fair 2015

Project title: "Non Ionizing Radiations".

1° place - Informatics

Olympiad - Galileo Ferraris

2016 Because of this victory I

qualified for the national selections of the olympiad.

LANGUAGES

Italian, Native speaker

English, IELTS 8.0 (December 2019)

French, DELF A2, 87.5/100