

Andrea Pozzoli

Computer Engineer - Data Scientist

I am passionate about data science. I carry out all my duties and my goals at my best. I have an excellent education in computer science and business. I developed soft skills such as leadership, teamwork, problem solving, teambuilding and public speaking



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github/andreapozzoli 🐙

EDUCATION

Master Degree in Data Science Politecnico di Milano

09/2019 - 07/2021

Milan, Italy, GPA: 3.85/4.0

- Recommender Systems
- Machine Learning
- Advanced Algorithms and Parallel Programming
- Thesis: Machine Learning applied to 5G
- Data Bases 2
- Distributed Systems
- Computing Infrastructure
- Strategy and Marketing

Master Degree in ICT Innovation KTH Stockholm

09/2019 - 07/2021

Stockholm, Sweden, GPA: 3.85/4.0

- Data Mining
- Programming for Data Science
- Thesis: Machine Learning applied to 5G
- Data Intensive Computing
- Research Methodology and Scientific Writing
- ICT Innovation

Bachelor in Computer Science Engineering Politecnico di Milano

09/2016 - 07/2019

Milan, Italy, GPA: 3.85/4.0, grade: 110/110 e Lode, Summa cum Laude

- Data Bases
- Fundamentals of Computer Science
- Algorithms and Principles of Computer Science
- Informatic Technologies for the Web
- Software Engineering
- Computer Architectures and Operating Systems
- Systems for Data Acquisitions
- Thesis: software for urban traffic monitoring

WORK EXPERIENCE

Master thesis Intern Huawei Technologies Sweden

01/2021 - 07/2021

Stockholm, Sweden

- Create a 5G networks simulator in Python
- Apply machine learning in order to improve the simulator
- working on MIMO detection
- working on channel estimation

ORGANIZATIONS

EIT Digital Master School (09/2019 - 07/2021)

Two years **double degree** master in **Data Science**, combined with skills in **Innovation and Entrepreneurship**

IDEA League Challenge Programme (10/2019 - 04/2020)

PoliMI, TU Delft, Chalmers University, ETH Zurich, RWTH Aachen partnership.
Design-oriented program: analyse real problems, design/present solutions

Scuola Di Como (09/2016 - 12/2019)

School of merit. Courses: Marketing, Communication, Theater, Fundraising, Public Speaking, Personal Branding, internship at Unindustria Como

SKILLS

Python

Java

C++

JavaScript

HTML

CSS

Matlab

Office

Spark

Flink

SQL

XML

Nvidia Cuda

Google Analytics

UML

Leadership

Data Science

Problem Solving

Team Building

PERSONAL PROJECTS

Predict Tennis match results (08/2020 - 10/2020)

- A data intensive computing project, based on Kafka, Spark, Cassandra, d3.js, Spark Streaming, Scala to predict tennis results in a streaming scenario

Relaxident (08/2020 - 09/2020)

- An idea for a startup based on a web app for reporting traffic accidents in an easier and safer way

SnowWatch (05/2020 - 07/2020)

- Monitor of Alps snow level through webcams and Flickr with Flink and Java

Mnemosine (12/2019 - 01/2020)

- A project for distributed systems course, a distributed database with casual consistency using Python and Java

IllegalDumps (03/2019 - 06/2019)

- A web site for discovering illegal dumps from aerial images, created with HTML, CSS, JavaScript and Servlets

TrafficMonitor (09/2018 - 12/2018)

- A system for monitoring urban traffic using Java, composed by a central system and devices installed on cars and on roads to monitor the speed

CERTIFICATES

Summer School in "Secure E-Governance" at TalTech Tallin
(08/2020 - 09/2020)

Nvidia - Fundamentals of Accelerated Computing with CUDA
C/C++ (06/2020 - Present)

ID: f89af4202d6248a1a8b1092f6c41dc05

Google Analytics Individual Qualification (05/2020 - Present)

ID: 48736538

Google Cloud Platform Fundamentals: Core Infrastructure
(04/2020 - Present)

ID: Z868ME389MPR

ACHIEVEMENTS

The best scholarship offered by EIT Digital Master School

Scholarship "Giovanni Zampese" offered by Cassa Rurale e Artigiana di Cantù

Scholarship for the best students of "Scuola di Como"

"Best Freshmen 2016/17" scholarship by Politecnico di Milano

LANGUAGES

Italian



English

