



# Matteo Ciniselli

## Personal Information

- Lugano, Switzerland
- Italian (B permit)
- 29 August 1990
- +41798482662
- ilcini90@gmail.com
- <https://mciniselli.github.io>

## Programming Languages

Python	★★★★★
SQL	★★★★★
Machine/Deep Learning	★★★★★
NLP	★★★★★
Git/Docker	★★★★☆
R Studio	★★★★☆
AWS	★★★★☆

## Languages

- Italian, Mother Tongue
- English, Highly Fluent
- German, Beginner

## Passions

- Artificial Intelligence
- Traveling

## Summary

I'm an experienced Data Scientist with a strong passion for AI and programming. I have pursued the Ph.D. in Computer Science from the Faculty of Informatics at the Università Della Svizzera Italiana (USI) in Lugano where I'm currently working as a Data Scientist. These experiences have allowed me to develop excellent problem-solving skills, strong interpersonal and communication skills essential for effective teamwork, and proficient time management abilities.

## Work Experience

### Data Scientist

#### Università della Svizzera Italiana

Jan 2024 – Today

- Actively participated in Machine Learning projects, presenting my results at international events.
- Effectively leaded a team of three people overseeing their activities to ensure the successful and timely completion of ongoing projects.

### Data Scientist @ Machine Learning Center of Excellence

#### Accenture

Mar 2019 – Apr 2020

- Developed Front-End applications with Flask, HTML, and Bootstrap to deploy Machine Learning services and Computer Vision projects.
- Orchestrated the deployment of Docker containers exposing a Node.js server, integrating AI into home appliances and enabling the vocal interaction between users and a washing machine.

### .NET Developer

#### Aglea

Oct 2017 – Feb 2019

- Implemented a comprehensive tool for managing company activities such as purchasing, invoicing, and device management, using a SQL database and DevExpress framework.
- Gained foundational knowledge in SAP ERP fundamentals.

### Data Analyst/Scientist

#### NextInt

Jan 2015 – Sep 2017

- Developed Dashboards and Reports using QlikView.
- Implemented Machine and Deep Learning projects using Python, Rapidminer, and R Studio, to help customers leverage their corporate data for informed decision-making.

## Education

### Ph.D. in Computer Science

#### Università della Svizzera Italiana

May 2020 – Dec 2023

My Ph.D. research is centered on leveraging Machine and Deep Learning models to facilitate the automatic generation of text. Throughout my research papers, I conducted Generative AI experiments with various cutting-edge models such as T5, CodeT5, RoBERTa, and GitHub Copilot.

### Master in High Apprenticeship in Analytics and Business Intelligence

#### Polytechnic of Milan

Jul 2015 – Jul 2017

During my Master's, I extensively delved into Big Data and Machine Learning topics. Additionally, I developed a tool utilizing NoSQL databases (MongoDB) and a NodeJS architecture integrated with Angular to solve Machine Learning tasks.

### Bachelor's and Master's Degree in Mathematical Engineering (Statistics)

#### Polytechnic of Milan

Sep 2009 – Apr 2015

I comprehensively explored Machine Learning and Statistics, augmenting my expertise through Data Analysis, Probability, and Programming courses.