

# RICCARDO BERTO | CV

Contract professor and M.Sc. in Data Science student @ Università degli Studi di Milano-Bicocca

**Status:** M.Sc. in Computer Science graduate, M.Sc. in Data Science student

Milan, Italy

**Fields:** Linux, Software Engineering, Statistics, IT architectures

**Languages:** Python, C++, Golang, Java, JavaScript, R

riccardobrt <AT> gmail . com

**Technologies:** pandas, libboost, git, Flask, Golang stdlib, libsodium, SQLite3 lib, tidyverse

**GitHub:** <https://github.com/RcrdBrT>

## Summary

M.Sc. in Computer Science graduate with years of Linux experience and Linux server administration. Favorite languages for non-trivial projects include Python, Golang and C++. Knowledgeable about PostgreSQL, MySQL, MongoDB, graph-based DBs, IoT programming, Docker. Currently a contract professor for Università degli Studi di Milano-Bicocca and studying towards my second M.Sc. degree.

## Practical Experience

**Contract Professor** - Università degli Studi di Milano-Bicocca

2020-present

- Courses: Distributed Systems (B.Sc. in Computer Science) / IT Lab (B.Sc. in Physics)
- Responsibilities: lab teacher role, creation of assignments and graded projects

## Education

**M.Sc. in Data Science student** - Università degli Studi di Milano-Bicocca

2020 - present

- Major: Data Management, High Dimensional Data Analysis, Infrastructure Technology, Decision Models

**M.Sc. in Computer Science** - Università degli Studi di Milano-Bicocca

2018 - 2020

- Thesis: A distributed LoRa protocol application
- Major: Machine Learning, Cybersecurity, Software Quality, Embedded Systems

**Bachelor Degree in Computer Science** - Università degli Studi di Milano-Bicocca

2014 - 2018

- Thesis: Indoor tracking device based on ultrasonic sensors clusters
- Major: Distributed Systems, Algorithms, Algebra, Statistics

## Publications

**Berto, R.; Napoletano, P.; Savi, M.** - Sensors 2021, 21, 4314

24 June 2021

- A LoRa-Based Mesh Network for Peer-to-Peer Long-Range Communication
- Link: <https://doi.org/10.3390/s21134314>