# Riccardo Berto | CV

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

**Status:** M.Sc. in Computer Science graduate, M.Sc. in Data Science student
**Fields:** Software Engineering, Cybersecurity, Statistics, System Architectures
**Languages:** Python, C++, Golang, Java, JavaScript, R
**GitHub:** `https://github.com/RcrdBrt`

Milan, Italy

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## Summary

M.Sc. in Computer Science graduate with years of Linux and server administration experience. Passionate about cybersecurity, software engineering and infrastructures management.
Favorite languages for non-trivial projects include Python, Golang and C++. Knowledgeable about PostgreSQL, MySQL, Redis, MongoDB, graph-based DBs, IoT programming, microservices, Agile development, software quality.
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`