

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

Milan, Italy

Fields: Software Engineering, Cybersecurity, Statistics, System Architectures, DBA, Data Science

Languages: Python, C++, Golang, Rust, Java, R

riccardobrt <AT> gmail . com

GitHub: <https://github.com/RcrdBrt>

Summary

M.Sc. in Computer Science graduate with years of Linux and server administration experience. Passionate about cybersecurity, software engineering, infrastructures and data management.

Favorite languages for non-trivial projects include Python, Golang and C++. Knowledgeable about PostgreSQL, Redis, document-based DBs, graph-based DBs, microservices, Agile development, software quality, IoT programming.

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>