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, DBA, Data Science

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

GitHub: `https://github.com/RcrdBrt`

Milan, Italy

rcrdbrt <AT> proton DOT me

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`