



ANDREA GULINO

PHD SCHOLAR IN INFORMATION TECHNOLOGY

Summary

I am a PhD Scholar in Information Technology (ending Dec. 2020), specialised in big data applications, cloud computing and performance modelling. Beyond my research activity, I am an experienced full-stack web-application developer.

Education

Politecnico di Milano

2017-2020

PhD in Information Technology

"Distributed Processing and Optimisation Models for Genomic Data."

2014-2017

Master's Degree in Computer Science and Engineering

110L

2011-2014

Bachelor's Degree - Ingegneria Informatica

Tongji University - 同济大学 - Shanghai

2012-2013

Double degree exchange program

(2 semesters)

Work Experience

Politecnico di Milano

2017-2019

Teaching Assistant

Fondamenti di Informatica - Informatica B - Progetto Finale di Inq. Informatica

Research

Research Areas

Cloud Computing, System Architectures, Distributed Algorithms, Databases, Computational Genomics.

Oral Presentations

2018 IEEE Big Data (Seattle), 2019 IEEE BIBM (San Diego), 2020 IEEE MASCOTS (Nice).

Publications

12 publications, 6 as a first author. More details are available on my personal website and on [Google Scholar](#).

Collaborations

Oxford University, Banca D'Italia.

Projects

Taipan - Web Vulnerability Scanner

Taipan allows scanning several types of web applications, providing detailed reports on the detected vulnerabilities. In particular, I implemented the front-end (Angular.js application) and designed the API.

BIRTHDATE

28/07/1992

NATIONALITY

Italian

CONTACTS

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PROGRAMMING SKILLS

JAVA SCALA PYTHON C

APACHE SPARK HDFS

HTML+JS+CSS ANGULAR.JS

NODE.JS DJANGO FLASK

BASH GIT AWS

WEBSITE

andreagulino.github.io