ANDREA GULINO

PHD SCHOLAR IN INFORMATION TECHNOLOGY

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

Summary

I am a PhD Scholar in Information Technology (ending Dec. 2020), specialised in big data applications, cloud computing and performance modelling. Besides the 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 (2 semesters)	**Double degree exchange program**

Work Experience

Politecnico di Milano

2018-2019	**Teaching Assistant**
	Fondamenti di Informatica - Informatica B - Progetto Finale di Ing. 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.