Luca Andreoli

PERSONAL INFORMATION

I am a Ph.D student in Computer Engineering.
My research topic is about Blockchain
technologies.

I am open to new work experiences and eager
to learn working methods, new languages,
development techniques and types of software
platforms.
I like the rigor and precision in the details
in the creation of computer systems.

PROGRAMMING SKILLS

- HTML, CSS, PHP, SQL, JavaScript
- C, C++, Java, OOP
- JSON, XML, YAML
- Python, Matlab, Simulink
- Kotlin
- Docker, Docker Compose & Swarm, Ansible
- Linux, Bash, Git
- ASM

EDUCATION

Università degli studi di Genova
Master Degree in Computer Engineering -
Software Platform & Cybersecurity (full English course)
 sep 2020 - dec 2022
 Final grade: 110L/110
 Thesis: A new consensus algorithm for permissionless
Blockchain

Università degli studi di Genova
Bachelor Degree in Computer Engineering
 sep 2017 - jul 2020
 Final grade: 103/110
 Thesis: QueueFree, Android application

 Istituto di Istruzione Superiore - Italo Calvino Genova
 IT and Telecommunications
 sep 2012 - jul 2017
 Final grade: 80/100

DEVELOPED PROJECTS

Simple local E-Commerce design and development
- HTML, CSS, PHP, PHP Prepared Statements,
  JavaScript, SQL, DBMS phpMyAdmin, DB MySQL,
  Apache HTTP Server XAMPP

Relational DB anonymization, implementation of
Incognito: Efficient Full-Domain K-Anonimity
- Python, CSV

Part of Specification Based Testing - Black Box System
- Java, Büchi automaton

Virtualization & Cloud Computing Project
Docker Swarm Cluster
- VMWare, Docker Compose & Swarm, Ansible
- Docker Registry, Adminer, PostgreSQL, Gitea,
  ModSecurity, OpenLDAP, Grafana, Prometheus,
  Promtail, Loki, Cadvisor, Node Exporter, Traefik