



Davide La Gamba

SOFTWARE ENGINEER

CONTACT

P +39 331 309 8074
E davidelg06@gmail.com
S [davide-lagamba.github.io](https://github.com/davide-lagamba)
L <https://www.linkedin.com/in/davide-la-gamba-b93448244/>
G <https://github.com/davide-lagamba>
A Via Michele Santoro 18,
Casagiove (CE), Italy

SUMMARY

A 22-year-old Italian Software Engineer passionate about Artificial Intelligence and Project Management, focused on his education and career path, providing professionalism and seriousness. Eager to bring innovation with new technologies, aiming for sustainability.

EDUCATION

Master's Degree in Computer Science

Curriculum of Software Engineering and IT Management / 2022 - Current / Università degli studi di Salerno

- Software engineering, management and evolution, Metrics and software quality, Software engineering for artificial intelligence, Compilers, NoSQL Databases, IoT, Blockchain and security.
- Weighted average: 30.00 - 63/120 CFU**

Bachelor's Degree in Computer Science

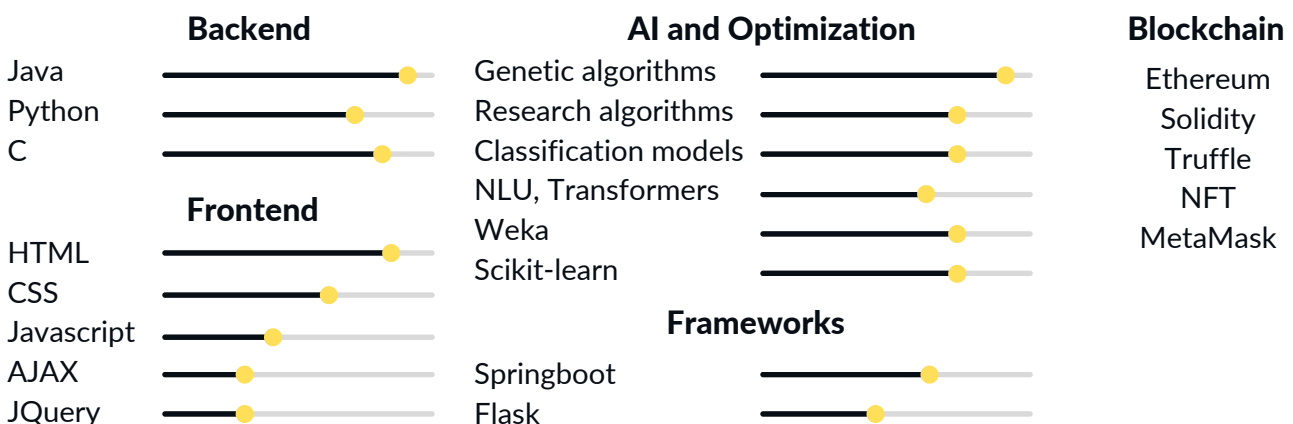
2019 - 2022 / Università degli studi di Salerno

- Study of the behavior of computers and operating systems. Tools of probability calculus, mathematical and logical analysis, and operations research. Analysis of algorithms and computation. Study of computer security, networks and distributed systems. Procedural imperative, object-oriented and data structure programming paradigms. Development of Web sites, Android applications and databases. Software engineering concepts and fundamentals of artificial intelligence.
- Final grade: 110 Cum Laude and verbal special mention for the curriculum**
- Weighted average: 29.478 - 180/180 CFU**
- Thesis:** Study, Design and Implementation of a Genetic Algorithm for Detecting Privacy Concerns in IoT Systems

Secondary Education Diploma - Liceo Scientifico

2014 - 2019 / Liceo Classico Pietro Giannone / **100/100**

SKILLS



Databases

MySQL 
MongoDB 

IDE

IntelliJ IDEA,
Visual Studio Code
Android Studio,
Eclipse, Netbeans

Software Metrics

Function Points
COSMIC
COCOMO

Operative Systems

Windows
Linux

Other Skills

Git and Github, Docker, Unity,
C#, Android development,
Data security, Cryptography,
Jenetics Java library,
IoT, R language

NoSQL, Flex (Fast Lexical
Analyzer Generator),
Management processes and
software evolution,
Office package

LANGUAGES

Italian:
Mother
tongue

English: Cambridge English Level B2 - Certificate Cambridge Assessment
International Education - <https://www.cambridgeenglish.org/it/> - 2017

Self-evaluation:

Listening C1 - Spoken production C1 - Reading C1 - Spoken interaction C1 - Writing B2

PROJECTS

Study, Design and Implementation of a Genetic Algorithm for Detecting Privacy Concerns in IoT Systems

<https://github.com/davide-lagamba/GAforPrivacy>

Development of a genetic algorithm aimed at
creating rules for classifying intrusions in an IoT
system for a bachelor's thesis, developed in
Java with Jenetics library.

FitDiary web application

<https://github.com/davide-lagamba/FitDiary>

https://github.com/davide-lagamba/FitDiary_FIA

Group project for the master's of engineering,
management and software evolution course to
maintain and develop the CADOCS tool, a Slack
chatbot for detecting community smells using
csDetector.

Evolution and maintenance of the CADOCS tool

<https://github.com/alfcan/CADOCS/tree/dev>

https://github.com/alfcan/CADOCS_NLU_Model/tree/dev

<https://github.com/alfcan/csDetector/tree/dev>

Group project for the master's of engineering,
management and software evolution course to
maintain and develop the CADOCS tool, a Slack
chatbot for detecting community smells using
csDetector.

Unity video game with blockchain integration

<https://github.com/AurySepe/ProgettoSicurezza>

Group project for the master's course in Data
Security to develop a small video game in Unity
that allows NFT acquisition and exchange.

SOFT SKILLS AND HOBBIES

- **Teamwork and communication:** Excellent team collaboration skills obtained from school and University projects, both self-directed and manager-coordinated, as well as excellent management of interpersonal relationships, complete openness to discussion with colleagues and teachers that are useful for personal and professional growth. Clear and concise exposition corroborated by academic achievements.
- **Time management, autonomy, responsibility and problem solving:** Efficient management of deadlines and scheduling of work to be done notable in perfect compliance with University course and project timelines. Excellent ability to study and propose solutions independently, with problem-solving approach to challenging situations with ability to find alternative solutions.
- **Hobbies and interests:** Reading, Chess, Football, Board games, Video games, and music.

In compliance with the Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize the recipient of this document to use and process my personal details for the purpose of recruiting and selecting staff and I confirm to be informed of my rights in accordance to art. 7 of the above mentioned decree.