



## Luca Chianese

**Date of birth:** 03/01/1995 | **Nationality:** Italian | **Email address:** [ing.luca.chianese@gmail.com](mailto:ing.luca.chianese@gmail.com) |

**Website:** <https://github.com/lucaboy> | **LinkedIn:**  
<https://www.linkedin.com/in/luca-chianese-9126b9198>

### ABOUT ME

My passion for technology began at an early age, inspired by my father. At 12, I was regularly reading IT magazines and my first Linux manual. At 14, I created a forum on video games and technology, generating small monthly income through Google AdSense.

In 2015, I started translating video games as a hobby, developing my own tools for extracting and editing fonts, textures, and texts. In 2016, I taught myself HTML, JavaScript, CSS, and PHP, creating websites using CMS like WordPress and PrestaShop. By late 2017, I began learning the Angular framework and shortly after started my professional career as a developer.

Today, I am deeply interested in cybersecurity. I recently completed a second-level university master's degree in "Cybersecurity and Critical Infrastructure Protection" at the University of Genoa and am open to new opportunities in the cybersecurity sector. I am curious, dynamic, and ambitious, seeking a stimulating work environment to grow professionally.

### WORK EXPERIENCE

11/2023 – CURRENT Genova, Italy

**FULL STACK DEVELOPER** ENGINIUS S.R.L.

Development of web applications using Angular, implementation of APIs using NestJS interfacing with OpenAI APIs (Chat Completions, Vision), prompt engineering, development and deployment of Lambda functions on AWS using the Serverless Framework.

06/2024 – 07/2024 Napoli, Italy

**VOCATIONAL TRAINING INSTRUCTOR** ITS CAMPANIA HITECH & COMMUNICATION FOUNDATION

Vocational Training Instructor for the "Design and Development - TypeScript" module of the "Web & Mobile Specialist" training course.

08/2020 – 04/2023 Lugano, Switzerland

**FULL STACK DEVELOPER** DREAMING LAB SAGL

During my employment at Dreaming Lab, I prevalently focused on the development and maintenance of web and hybrid applications. I have worked on both individual small-scale projects and larger team-based projects involving 5-10 team members, following the Scrum methodology.

Regarding the tech stack, I primarily used Angular and React.js for the front-end, and Node.js and MongoDB for the back-end.

**Address** Elvezia Avenue 16, 6900, Lugano, Switzerland

03/2018 – 07/2020 Trentola Ducenta, Italy

**FULL STACK DEVELOPER** HITECH COMPUTER GRAPHIC (BOOTSTRAPAGENCY S.R.L.S.)

Project and development of serverless web and hybrid applications using the following technologies: Angular, Ionic, and Firebase (Firebase Authentication, Firestore, Cloud Functions).

**Address** Via Roma 100, 81038, Trentola Ducenta, Italy

● EDUCATION AND TRAINING

2023 – 2024 Italy  
**SECOND LEVEL SPECIALIZING MASTER IN "CYBERSECURITY AND CRITICAL INFRASTRUCTURE PROTECTION"** University of Genoa

**Final grade** 110/110 cum laude

02/2024 Italy  
**QUALIFICATION TO THE PROFESSION OF ICT ENGINEER** University of Campania "Luigi Vanvitelli"

2020 – 2023 Italy  
**MASTER'S DEGREE IN COMPUTER ENGINEERING, CURRICULUM IN "ARTIFICIAL INTELLIGENCE AND DISTRIBUTED CLOUD COMPUTING"** University of Campania Luigi Vanvitelli

**Field of study** Information and Communication Technologies | **Final grade** 110/110 cum laude | **Number of credits** 120 |

**Thesis** Design and development of a platform for vulnerability assessment of 5G Infrastructures

05/2017 – 06/2017 Italy  
**IOS FOUNDATION PROGRAM IN PARTNERSHIP WITH APPLE** University of Campania Luigi Vanvitelli

2013 – 2020 Italy  
**BACHELOR'S DEGREE IN ELECTRONIC AND COMPUTER ENGINEERING, CURRICULUM IN "COMPUTER SCIENCE"** University of Campania "Luigi Vanvitelli"

**Field of study** Information and Communication Technologies | **Final grade** 89/110 | **Number of credits** 180 |

**Thesis** Techniques and technologies for the development of intelligent agents with application to cultural heritage

2008 – 2013 Aversa, Italy  
**HIGH SCHOOL LEAVING QUALIFICATION IN SCIENTIFIC STUDIES** Liceo Scientifico Enrico Fermi

**Address** 81031, Aversa, Italy

● PUBLICATIONS

2024  
[Leveraging Threat Modelling for Effective Penetration Testing in 5G Systems](#)

IEEE International Conference on Cyber Security and Resilience

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Cyber Security | Penetration Testing Tools (Wireshark, Nmap, Burpsuite, Metasploit)) | OWASP - Web Security Testing Guide | Web Security | Mobile Security | Malware Analysis | ISO / IEC 27001 | Angular | React.js | Ionic | Node.js | Express | NestJS | Serverless Framework | TypeScript | JavaScript | HTML | CSS | MongoDB | Firebase | MySQL | DialogFlow | Python | Tensorflow | Java | C | C++ | C# | PHP | Swift | AWS | Heroku | Docker | Git

● DRIVING LICENCE

**Driving Licence:** B

● **ORGANISATIONAL SKILLS**

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Problem Solving

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Time Management

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Task Prioritization

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● **COMMUNICATION AND INTERPERSONAL SKILLS**

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Teamwork

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Effective Communication

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Flexibility and adaptability

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Leadership

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