Luca Chianese

Date of birth: 03/01/1995 | **Nationality:** Italian | **Email address:** 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

11/2024 – CURRENT Rome, Italy
CYBER SECURITY SENIOR CONSULTANT EY

- Cybersecurity Assessment and Gap Analysis;
- Risk Analysis and Management;
- Cybersecurity Compliance and Security Governance.

11/2023 – 11/2024 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
Exploiting LLMs for E-Learning: A Cybersecurity Perspective on AI-Generated Tools in Education

IEEE International Workshop on Technologies for Defense and Security

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 Analyisis │ 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

Problem Solving

Time Management

Task Prioritization

COMMUNICATION AND INTERPERSONAL SKILLS

Teamwork

Effective Communication

Flexibility and adaptability

Leadership

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28/02/2025