



Luca Chianese

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ABOUT ME

My passion for technology began at an early age, inspired by my father.

By the age of 12, I was regularly reading IT magazines, and at 14, I created a forum dedicated to video games and technology, generating small revenues through Google AdSense.

In 2015, I started translating video games as a hobby, independently developing tools to extract and edit fonts, textures, and texts.

The following year, I deepened my knowledge of web development as a self-taught learner, acquiring skills in HTML, JavaScript, CSS, and PHP, and building websites using CMS platforms like WordPress and PrestaShop.

At the end of 2017, I discovered the Angular framework and began working professionally as a developer.

In recent years, I have developed a strong interest in cybersecurity, which led me in 2024 to complete a Level II University Master's degree in *Cybersecurity and Critical Infrastructure Protection* at the University of Genoa.

I am currently working as a Security Governance consultant at EY, while continuing my freelance development activity. I am a curious, dynamic, and ambitious individual, seeking a stimulating professional environment where I can further develop my skills and strive to make a meaningful impact.

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 |

● 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

Problem Solving

Time Management

Task Prioritization

● COMMUNICATION AND INTERPERSONAL SKILLS

Teamwork

Effective Communication

Flexibility and adaptability

Leadership
