

Davide Gena

ROLE: CLOUD CONSULTANT · QUALIFICATION: MASTER DEGREE IN AI & CYBERSECURITY

Italy, Corigliano-Rossano (CS) 87064, Via Beata Teodora, 14

☎ (+39) 3773166034 | ✉ davide.gena@gmail.com | 🏠 davidg33k.github.io/ | 📺 DavidG33k | 🌐 [davide-gena](https://davide-gena.com)

Summary

Curious about the computer world from an early age. Passionate about problem solving and IT security and ready to know and learn as many new technologies as possible. I like being creative in what I do with good skills in using some graphic tools and digital video editing.

Work Experience

Cluster Reply

CLOUD CONSULTANT

Turin (TO)

4/2024 - CURRENT

- Modern Workplace BU. Integration of Microsoft Azure & Copilot cloud services.
- Acquired skills: teamwork, IT consultancy, Windows Azure, Microsoft Copilot for M365.

University of Calabria

TUTOR - "IT AREA"

Rende (CS)

11/2023 - 1/2024

- Tutoring activities for courses in the IT area (Degree Course in Computer Science - UNICAL), specifically for the courses of: Programming Fundamentals 1 (problem solving in Python); Parallel Algorithms and Distributed Systems (POSIX Threads and MPI parallel programming in C/C++); Computer Architecture; Fundamentals of Networks and IT Security.
- Acquired skills: teamwork, teaching methodology.

Agile Lab

SITE RELIABILITY ENGINEER (STAGE AND GRADUATION THESIS)

Turin (TO)

06/2023 - 9/2023

- Investigating mechanisms for integrating different clouds from the networking standpoint, benchmarking the adoption of VPN meshes versus hub and spoke models; Feasibility of building cross-cloud Kubernetes clusters, cluster federation versus a global Kubernetes cluster; Possibility to implement a cross-cloud data storage abstraction; Comparison of the performance, security, and ease of use of mesh and traditional VPNs for transparently accessing networked resources across multiple cloud providers.
- Acquired skills: Networking multi-cloud, VPN (Mesh and Hub&Spoke), distributed K8S clusters, Microsoft Azure, Amazon Web Services.
- **Direct link to GitHub page**
- **Direct link to my talk at CyberXcelerator 2023**

University of Calabria

SOFTWARE ENGINEER (STAGE AND GRADUATION THESIS)

Rende (CS)

09/2020 - 11/2020

- Development of a crowding prevention system with the aim of reducing the spread of the current COVID-19 pandemic. The system adopts artificial vision techniques, or computer vision, offered by the OpenCV library to analyze the frames of a video stream in order to recognize the presence of human figures and determine their position in the visual field of the video source. The information thus obtained is then used to recognize situations of violations of social distance or gathering.
- Main technologies: Python+PySimpleGUI, OpenCV (with a Caffe neural network model), OpenVINO toolkit.
- **Direct link to GitHub page**

Education

University of Calabria

MASTER DEGREE IN ARTIFICIAL INTELLIGENCE AND CYBERSECURITY

Rende (CS), Italy

2021 - 2024

Specialist with scientific and technological expertise in the field of CyberSecurity and Artificial Intelligence.

National Cybersecurity Laboratory - CINI, CyberChallenge.IT

COURSE IN CYBERSECURITY

Rende (CS), Italy

feb 2022 - jun 2022

The training course aims to provide the methodological and practical bases required to analyze vulnerabilities and possible attacks, identifying the most suitable solutions to prevent them, in different areas of cybersecurity. In particular, it allowed me to study in depth the following thematic areas: Ethical Hacking; Cryptography; Web Security; Software Security; Hardware Security; Network Security; Access Control; OSINT.

University of Calabria

DEGREE IN COMPUTER SCIENCE

Rende (CS), Italy

2017 - 2020

Professional figure oriented to problem-solving, with good knowledge in the field of computational sciences and computer systems, capable of understanding and using mathematical models of scientific, technological and economic interest, and qualified to carry out, in a corporate environment, activities of creation and management of advanced software systems and computer networks.

Istituto Tecnico per Geometri "Falcone e Borsellino"

TECHNICAL AND PROFESSIONAL INSTITUTE DIPLOMA

Corigliano-Rossano (CS), Italy

2021 - 2017

Certificates & Badges

- 2023 **Fastweb Digital Academy**, Cyber-Security Workshop - [Direct link](#)
- 2023 **HackerRank**, Python Certificate - [Direct link](#)
- 2022 **National Laboratory Cybersecurity - CINI**, CyberChallenge.IT Badge - [Direct link](#)
- 2022 **Fastweb Digital Academy**, Sicurezza dei dati: livello avanzato - [Direct link](#)
- 2022 **Fastweb Digital Academy**, Sicurezza dei dati: livello intermedio - [Direct link](#)
- 2022 **Fastweb Digital Academy**, Sicurezza dei dati: livello base - [Direct link](#)
- 2022 **Fastweb Digital Academy**, Sicurezza dei dispositivi: livello avanzato - [Direct link](#)
- 2022 **Fastweb Digital Academy**, Sicurezza dei dispositivi: livello intermedio - [Direct link](#)
- 2022 **Fastweb Digital Academy**, Sicurezza dei dispositivi: livello base - [Direct link](#)