

Francesco Giannicola

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EDUCATION

Università della Calabria

BSc in Computer Science & Artificial Intelligence

Cosenza, Italy

Sep. 2024 - Expected Graduation: 2027

- Advocated for student interests and improved academic quality as an active member of the teaching quality committee.

SIDE PROJECTS

TarsGPT

[Github Repo](#)

- Designed and deployed a robotic system **replicating 95% of TARS' functionalities**, leveraging ChatGPT and Whisper for language processing and mobility.
- Increased system efficiency by **reducing response time by 30%** and enabling seamless real-time interactions.

Technologies: Python, OpenAI APIs, Robotics, Computer Vision

DeVoSy

[Github Repo](#)

- Built a decentralized voting platform that **enhances electoral security by 40%**, ensuring immutable and transparent electoral processes.
- Scaled the system to handle **10,000+** voters simultaneously with **minimal latency**.

Technologies: Solidity, Web3.js, React, Node.js, Ethereum

Football Analysis

[Github Repo](#)

- Enhanced object detection accuracy by 20%** using YOLO, improving tracking accuracy for players and the ball.
- Accelerated data processing 3x**, optimized the extraction of tactical insights.

Technologies: Python, OpenCV, YOLO, KMeans, Machine Learning

EXTRA ACTIVITIES

Social Media Manager - Personal Brand/Project

Cosenza, Italy | Mar. 2020 - Present

- Boosted social media presence, growing Instagram to **18,000+** followers and TikTok to **50,000+**, achieving over **4M+ views** and **2.5M+ likes**.
- Developed and executed data-driven campaigns, securing **5+ brand partnerships** and **increasing engagement rates by 45%**.
- Leveraged analytics tools to optimize audience retention through creative content strategies.

Hackathon Participant - Codemotion & Poligrafico Italiano

Remote, Italy | May 2024 - Jun. 2024

- Delivered an **MVP** virtual assistant addressing global counterfeiting and ensuring product authenticity via **AI-driven** data tracing.
- Enhanced user experience with real-time verification tools aligned with **"Made in Italy"** industry standards.
- Collaborated with cross-functional teams to integrate innovative visualization features, improving traceability.

Volunteer - E.N.S.A. (Ente Nazionale Salvaguardia Ambiente or National Environmental Protection Agency)

Italy | 2016 - Present

- Participated in various civil protection, environmental, civil service, and social solidarity initiatives.
- Organized **"Santa Claus in the Ward"** o **"Babbo Natale in corsia"** activity, where we visited the pediatric ward of the hospital to deliver gifts to less fortunate children who were unfortunately hospitalized. This initiative was also featured in the Italian newspaper **LaC News 24**.
- Partnered with local authorities and organizations to implement sustainable practices and raise awareness about environmental issues.

Volunteer - ASS.A.P.L.I. (Associazione Appart. Polizia Locale Italiana or Italian Local Police Association)

Italy | 2016 - Present

- Led road safety and awareness campaigns, aimed at reducing traffic accidents and promoting safe driving practices.
- Conducted educational sessions in schools and community centers to educate the public about road safety regulations and best practices.
- Assisted in organizing and participating in community events and initiatives to enhance road safety and public awareness.

CERTIFICATIONS

Boolean Coding week - Arcade Collection

Remote, Italy | Oct. 2024

- HTML, CSS, JavaScript, UI Design, Game Development

OII (Italian Olympiad in Informatics)

Cosenza, Italy | Apr. 2024

- Problem Solving, Collaborative Solution Development

Epicode Tech Camp - 9th Edition

Remote, Italy | May 2024

- Python, Cybersecurity

AICA ICDL Full Standard

Cosenza, Italy | Sep. 2022

- Microsoft Excel, Word, PowerPoint, Web Development

MIUR - Cultura d'Impresa ed orientamento al mondo del lavoro

Cosenza, Italy | Dec. 2022 - Jun. 2023

- Business Processes, Workplace Safety, Startup Basics

ADDITIONAL

Skills: Python, JavaScript, Solidity, HTML, CSS, AI/ML, Blockchain (Ethereum, Web3.js), OpenCV, YOLO, Git, Docker, React, Node.js

Soft Skills: Strategic Thinking, Problem Solving, Cross-Functional Collaboration

Languages: Italian (Native), English (Intermediate - B1), French (Basic), Spanish (Basic)