

GIUSEPPE ALLOCCA

Somma Vesuviana, Naples, Italy | 04 May 2004
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I am a computer engineering student, curious and proactive, eager to leverage my skills and acquire new ones while taking on challenges. I thrive in dynamic environments where continuous learning and growth are encouraged. My goal is to become a leading expert in artificial intelligence and cybersecurity, contributing to innovative projects and driving technological advancements in these fields. Beyond my academic interests, I have a wide range of hobbies, including music production, reading, programming to automate tasks, practicing sports such as basketball and soccer and working out at the gym.

EDUCATION

MASTER'S DEGREE IN CYBERSECURITY

Joint degree – EPFL & ETH Zurich | Lausanne & Zurich, Switzerland
ONGOING

BACHELOR'S DEGREE IN COMPUTER ENGINEERING

University of Federico II | San Giovanni a Teduccio, Naples, Italy
SEP 2022 – JUL 2025

Grade Achieved: 110/100 with honors
Grade Average: 29.89/30, with honors in 9 exams

SCIENTIFIC HIGH SCHOOL DIPLOMA

E. Torricelli's High School | Somma Vesuviana, Naples, Italy
SEP 2017 – JUL 2022

Grade Achieved: 100/100 with honors
Grade Average: 9.67/10

EXTRACURRICULAR ACTIVITIES

FEDERICO II APPLE FOUNDATION PROGRAM

Apple Developer Academy | San Giovanni a Teduccio, Naples, Italy
OCT 2022

- Collaborated with a team to develop an iOS application aimed at helping students living away from home to purchase and prepare meals quickly and affordably.
- Engaged in all phases of the project, including brainstorming, organizing and evaluating ideas, development in Swift and presentation to investors.

NATIONAL PLAN FOR SCIENTIFIC DEGREES, MATHEMATICS

University of Federico II | Monte Sant' Angelo, Naples, Italy
FEB 2022 – MAY 2022

- Had the chance to interact with professors and observe real research processes, gaining valuable insight into scientific methods.
- I took part in hands-on experiments that enriched my understanding of mathematical concepts and strengthened my ability to approach problems from diverse angles.

BOOST 25

Fondazione Elisir | Oropa, Biella, Italy

JUL 2025

- Interacted with a group of highly driven students and internationally recognized professors, fostering a dynamic and intellectually stimulating environment.
- Attended seminars on topics such as multi-armed bandit algorithms, distribution shift in machine learning, adversarial robustness, and formal software verification—particularly enjoying the course by Manos Kapritsos, which introduced rigorous methods for building provably correct systems using inductive invariants and state machines.

CERTIFICATIONS

COMPUTER HARDWARE BASICS

Cisco Networking Academy

AUG 2025

- Covered foundational concepts in computer and mobile device hardware, including components such as CPU, RAM, storage, and peripherals, along with practical skills in assembly, diagnostics, and troubleshooting.

GOOGLE CYBERSECURITY

Google Career Certificates

OCT 2023

- Gained practical skills in cybersecurity, including threat detection, risk management, and incident response, through hands-on activities.
- Developed analytical and problem-solving skills by working on real-world case studies and simulations.

MACHINE LEARNING WITH PYTHON

Free Code Camp

FEB 2025

- Gained expertise in machine learning concepts and algorithms, and put it into practice using TensorFlow
- Worked on various projects, such as predictive models, which involved techniques like regression, classification, and clustering.

THE WEB DEVELOPER BOOTCAMP

Created by Colt Steele on Udemy

COMPLETED: NOV 2023

CERTIFICATE CLAIMED: JAN 2025

- Acquired skills in building websites using HTML, CSS, and JavaScript.
- Designed and developed dynamic web applications for various services.

CLOUD COMPUTING

IBM on EdX

JUL 2025

- Gained foundational knowledge of cloud computing concepts, including service models (IaaS, PaaS, SaaS) and deployment types (Public, Private, Hybrid).
- Explored emerging trends such as multi-cloud, Microservices, Serverless, and DevOps, and completed a final project deploying an application on the cloud.

ARDUINO CERTIFICATION

Arduino Education Team

MAR 2023

- Gained hands-on experience with electronic devices extensively studied during my university courses.
- Completed various projects, each involving the phases of identifying the goals and planning the solution using the tools at my disposal.

DATA ANALYSIS

Free Code Camp

AUG 2024

- Developed and utilized skills in data cleaning, data formatting, statistical analysis and reporting through various projects, primarily using Python libraries such as Matplotlib and Pandas.

THE COMPLETE PYTHON PRO BOOTCAMP

Created by Dr. Angela Yu on Udemy

COMPLETED: FEB 2023

CERTIFICATE CLAIMED: JAN 2025

- Developed proficiency in Python programming, focusing on writing clean and efficient code.
- Acquired technical skills, such as web scraping, automation, and game development.

TOEFL IBT HOME EDITION

ETS
NOV 2024

- Overall Score: 96

CERTIFICATE IN ADVANCED ENGLISH

Cambridge Assessment English
APR 2021

- Overall Score: 183

WORKING EXPERIENCE

DISK JOKEY

Baia Holiday | Capo d'Orso, Sassari, Italy
AUG 2024

- Embarked on a DJ career, entering a completely new field and quickly adapting to its distinct challenges, showcasing flexibility in navigating this new professional journey.
- Built strong relationships with clients, colleagues, and audiences of varying ages through a personable approach and effective communication.

ENTERTAINMENT STAFF

ScuolaZoo | Italy, Greece and Spain
2022 – PRESENT

- Created strong relationships with individuals from diverse nationalities, enhancing cross-cultural communication and interpersonal skills.
- Effectively coordinated events and managed unforeseen situations, demonstrating strong organizational and problem-solving abilities.

CREW MEMBER

McDonald's | Sant' Anastasia, Naples, Italy
2023

- Improved time management skills by balancing university life and work responsibilities, demonstrating efficiency and organization in both areas.

RESTAURANT WAITER

Tenuta San Sossio | Somma Vesuviana, Naples, Italy
NOV 2021 – FEB 2022

- Gained my first professional experience, swiftly adapting to the professional environment and developing essential skills in a short period of time.
- Improved formal communication skills by professionally interacting with customers, team members, and management, ensuring clear and respectful exchanges.

SOFT SKILLS

- Fast learning
- Time management
- Productiveness
- Creativity
- Collaboration
- Initiative

LANGUAGE

- Italian: Native
- English: Advanced
- Spanish: Beginner