GIADA GABRIELE

computer scientist

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ABOUT ME

I'm 28. Bachelor degree graduate in computer science, master degree graduate in artificial intelligence and computer security, passionate about digital forensics. I'm currently working as a Junior Cybersecurity Specialist.

TECHNICAL SKILLS

C++, Java, Python, Perl, DLV-ASP, HTML, CSS, Tailwind CSS, JavaScript, TypeScript, Angular, Spring Boot, Django, Pentaho, Tableau, Postman, Figma, SQL (MySQL, PostgreSQL, MariaDB), GNS3, Git, data analysis (Machine Learning & Data Warehouse), cybersecurity tools (Wireshark, ZAP, Burp Suite), Windows, Linux (Ubuntu, Kali, CentOS).

SOFT SKILLS

Ability to work in a team, I am a patient and empathetic person, able to listen and understand the point of view of others. I believe in sharing knowledge as a tool for growth and I am always ready to learn new skills.

WORK EXPERIENCE

3/2025 - current **Junior Cybersecurity Specialist** @ **Internet & Idee**
TIPS project - development of an advanced Threat Intelligence platform for cyber threat mitigation. Skills developed: visualisation, predictive modelling and data analysis; database management and SQL scripting; OSINT research, analysis and reporting; frontend development.

EDUCATION

9/2021 - 7/2024 **Artificial Intelligence and Computer Science (Computer Security)** **Master Degree**
Università della Calabria - final grade: 95/110

9/2016 - 3/2021 **Computer Science** **Bachelor Degree**
Università della Calabria - final grade: 90/110

9/2011 - 7/2016 **Human Sciences** **Diploma**
Liceo Statale Lucrezia della Valle - final grade: 97/100

LANGUAGES

Italian - mother tongue, **English** - B2

CERTIFICATIONS

September 2025 **Blue Team Junior Analyst** **Security Blue Team**
Certificate ID: 284547898.
Certified competencies in: Open-Source Intelligence, Digital Forensics, Vulnerability Management, Dark-Web Operations, Threat Hunting and Network Analysis

PUBLICATIONS

1

Alviano, Mario.; Gabriele, Giada. Improve Parallel Resistance of Hashcash Tree. Cryptography 2024, 8, 30. https://doi.org/10.3390/cryptography8030030

MAIN PROJECTS (UNIVERSITY)

GitHub link **COD - Cyber Offense and Defense [group project]**
The goal of this project was to write 3 complete scripts that solved 3 chosen challenges on PortSwigger Web Security Academy and implement a vulnerable backend. Vulnerabilities treated: CSRF, command injection, XXE injection, file upload (+ stored XSS). Developed with Python, Flask and HTML.

GitHub link **The CIA Hive Component — Network Security [group project]**
This project had the goal of explaining and replicating a cyber attack, in our case Hive. Based on documents released by WikiLeaks, you can consult the source code to access the material.

GitHub link

COMPAS Scores Analysis — Data Analytics (Machine Learning) [group project]
Correctional Offender Management Profiling for Alternative Sanctions (COMPAS) is a case management and decision support tool developed and owned by Northpointe used by U.S. courts to assess the likelihood of a defendant becoming a recidivist. The main goal of this academic project was to determine and predict if a defendant became a recidivist. The secondary goals were: predicting if a defendant became a violent recidivist or not and predicting the difference (in days) between the date of the first crime and the date of the recidivist or the violent recidivist offense. Developed with Python using Jupyter Notebook.