GIADA GABRIELE

computer scientist

📍 Cosenza, Italia   🌐 giadagabriele.github.io

⌂ giadagabriele   ✉ giadagabriele@protonmail.com

🔗 giada-gabriele

ABOUT ME

I'm 27. 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, JavaScript, Git, SQL (MySQL, PostgreSQL), Spring, Angular, Django Framework, GNS3, cybersecurity tools (Wireshark, ZAP, Burp Suite), data analytics (Pandas, NumPy, Seaborn, Scikit-learn, Matplotlib).

SOFT SKILLS

My university experience helped me to work well in teams, collaborating with different people to achieve common goals. 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**

EDUCATION

9/2021 - 7/2024	**Artificial Intelligence and Computer Science (Computer Security)** Università della Calabria - final grade: 95/110	**Master Degree**
9/2016 - 3/2021	**Computer Science** Università della Calabria - final grade: 90/110	**Bachelor Degree**
9/2011 - 7/2016	**Human Sciences** Liceo Statale Lucrezia della Valle - final grade: 97/100	**Diploma**

LANGUAGES

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

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.

PUBLICATIONS

1

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