

PERSONAL INFORMATION



GIORGIO RANDO

 'redacted', LONDON (REGNO UNITO)
 +39 3496839053  +44 77431810660
 giorgio.ra@me.com

Gender Male | Date of birth Apr 20 1996 | Nationality Italy

Penetration Tester, Ethical Hacker, Security Researcher

PREFERRED JOB

WORK EXPERIENCE

Jul 2022 - present

Penetration Tester

Delivered security assessments on web and mobile applications, code bases (secure code review), APIs, infrastructure, and PCI DSS.

Recognized for my expertise, I was appointed as a reference for the secure code review assessments and entrusted with leading automation projects (for processes and support tools development).

I took proactive initiatives within the global penetration testing team, including managing an update channel and internal talks.

JP Morgan Chase & Co. - LONDON United Kingdom

Business or sector Finance , credit and insurance

May 2020 - Jun 2022

Senior Software Security Consultant

Delivered security assessments (web, mobile, network and code-related) for banks, insurance companies, frameworks, and showcase websites.

Additionally, considering my expertise I was asked to provide security engineering consultancy for critical assets. This involved reviewing internal architectures, conducting threat model analysis, and validating compliance procedures.

A key aspect was the research and related publications on the official Minded Security website (Demystifying Web Cache Threats - <https://blog.mindedsecurity.com/2021/01/demystifying-web-cache-threats.html>).

IMQ Minded Security - MILANO (MI) Italy

Apr 2018 - Jun 2022

Bug Bounty Hunter

Actively engaged in bug bounty programs, leveraging my ethical hacking skills to identify and responsibly disclose security vulnerabilities in diverse systems and applications.

BugCrowd, HackerOne, Intigriti (TV) Italy

Apr 2019 - May 2020

Security Engineer

Supported Chief Architect and Chief Information Security Officer (CISO) in engineering consultancies with secure development, architecture reviews and threat-hunting on the perimeter.

In detail, I contributed by providing architecture reviews, threat model analysis, risk-based assessments, and GDPR-compliance audits.

Redacted documentation and developed processes, including a 'Business Web Application Security Standard', which outlined key activities and checks for secure application development.

Proactively, I lead internal talks focused on secure coding methodologies and cyber-security awareness. Previnet S.p.a - PREGANZIOL (TV) Italy

Business or sector Engineering and design , computer science, data processing and acquisition

EDUCATION AND TRAINING

2017 - 2019

Information Security

EQF level 7

Università degli Studi di MILANO - Faculty of Sciences and Technology

2nd cycle degree/Master of Science (2 years)

Principal subjects/occupational skills covered:

Penetration Tester, Vulnerability Researcher, Risk Analysis, Europeans' law for data protection, Privacy, Computer Forensics, Business Management.

2014 - 2017 **Computer Science**

EQF level 6

Università degli Studi di UDINE - Department of Mathematical, Computer and Physical Sciences

1st cycle degree/Bachelor (3 years)

Postgraduate studies

STUDENT GRANT

2018 - 2019 (6 months)

Borsa di Studio per Erasmus +

Università degli Studi di MILANO

Description: Scholarship received from the University of Milan for the positive achievement of the Erasmus experience.

OTHER TRAINING COURSE

2017 - 2017

Seminario Geopolitico

Università degli Studi di UDINE

Description: Geo-political lecture given by General "Vincenzo Santo" on cyber-risks and cyber-threats in the political sphere, ended with the preparation of an issues paper focused on:

- next decades cyber threats and how these will influence wars and government structures.

STUDENT GRANT

2017 - 2017

Sistema Premiale di Ateneo a.a. 2016/17

Università degli Studi di UDINE

Description: Scholarship received from the University of Udine as the best graduate (of my university) for the A.A. 2016/2017

PERSONAL SKILLS

Mother tongue(s)

Italian

Foreign language(s)

English

UNDERSTANDING				SPEAKING				WRITING	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent	C1	Proficient	C1	Proficient	B2	Independent	C1	Proficient

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference for Languages

Linguistic experience(s)

European Union program

Erasmus +

Language: English

Duration of studies in months: 6

Foreign country where the academic studies were carried out: Uppsala (Sweden)

Personal initiative

Study Abroad

Language: English

Duration of studies in months: 1

Foreign country where the academic studies were carried out: Dublin (Ireland)

Digital competences

SELF-ASSESSMENT				
INFORMATION PROCESSING	COMMUNICATION	CONTENT CREATION	SAFETY	PROBLEM SOLVING
Independent user	Proficient user	Independent user	Proficient user	Proficient user

Digital competences - Self-assessment grid

Hacking and Securing Cloud Infrastructure: NotSoSecure, 2023

Basic digital competence:

COMPUTER PROGRAMMING

Build Automation: Python Automation (Highly Specialised)

SECURITY

Penetration test: Blockchain Security (Foundation) , Cloud Security (Foundation) , Infrastructure Security (Intermediate) , Mobile Application Security (Intermediate) , Secure Code Audit (Advanced) , Web Application Security (Highly Specialised)

Driving licence B

PUBLICATIONS

Technical report "Demystifying Web Cache Threats" ; Giorgio Rando
Alessandro Brucato ; IMQ Minded Security (2021)
blog.mindedsecurity.com/2021/01/demystifying-web-cache-threats.html

ADDITIONAL INFORMATION

DiSC Personality: Influencer (iD / i).

Strengths:

- Trusting intuition and ability to improvise.
- Using positive, enthusiastic verbalization when motivating others.
- Quickly spotting new opportunities for advancement.
- Solving problems by involving others in brainstorming and open discussion.
- Delegating responsibility for detailed tasks.
- Bringing energy and a sense of adventure to a team.
- Placing a high priority on personal interactions and relationships.

Weaknesses:

- Struggling to follow predictable routines.
- Failing to evaluate problems realistically due to overly optimistic expectations.
- Pursuing too many new ideas at once.
- Stepping too far out of the details of important projects.
- Having the inability to limit time spent interacting with people.