

ANDREA PALMIERI

Cybersecurity Analyst

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EXPERIENCE

Cyber Threat Intelligence Analyst

UBS

Jan. 2020 – Ongoing Zurich, Switzerland

- Monitor and analysis of external threats and assessment of risks
- Analysis of risks, data and controls to spot security weaknesses
- Delivery of threat intelligence report and recommendations

Information Security Analyst

PartnerRe

Oct. 2019 – Dec. 2020 Zurich, Switzerland

- Detection, response and investigation to address security alerts
- Improve company's security posture (on-premise and in the cloud)
- Collaboration with other IT teams in different geographic locations

Internship & Master Thesis

SAP Labs

March 2019 – Sept. 2019 Sophia Antipolis, France

- Research of a solution to fingerprint attackers of online platforms
- Honeytoken and honeypot development and test

Research Project

Fondazione Bruno Kessler (FBK)

March 2018 – Oct. 2018 Trento, Italy

- Development of a tool to automatically assess MQTT brokers using state-of-the-art attacks
- Analysis of MQTT setups to address common misconfigurations

Dec. 2017 – March 2018 Trento, Italy

- Security assessment of an IoT web platform
- Penetration tests and identification of possible mitigations

EDUCATION

M.Sc. double-degree in Cybersecurity (110 cum Laude)

European Institute of Technology – EIT Digital

Sept. 2017 – Sept. 2019 Italy & France

- *I year:* Università degli Studi di Trento – Trento, Italy
- *II year:* EURECOM – Antibes, France

B.Sc. in Computer Science

Università degli Studi di Trento

2013 – 2017 Trento, Italy

MOST PROUD OF

Patent US20210160277A1
"Application security through multi-factor fingerprinting"

Presentation - SecWeb 2020
"Using Browser Fingerprinting for Attack Redirection"

Scientific Publication
"MQTTSA: Automatically Assisting Secure Deployments of MQTT Brokers"

Presentation - CSRIoT 2019
"MQTTSA: Automatically Assisting Secure Deployments of MQTT Brokers"

Merit Scholarship
Awarded from European Institute of Technology – EIT Digital

STRENGTHS

Python Golang Android Bash
JavaScript C/C++ Java

Security monitoring Incident response
Security assessment Threat analysis

LANGUAGES

Italian
English

PROJECTS

Personal security blog

andpalmier.com

Authored a series of posts about malware analysis, machine learning and phishing.

Google Fuchsia's Analysis

github.com/andpalmier/SemProj

Analyze the security of Fuchsia OS and the Zircon kernel for identification of flaws.

MQTTSA

sites.google.com/fbk.eu/mqttsa

Python tool to automatically detect misconfigurations in MQTT deployments.