

ANDREA PALMIERI

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■ PROFESSIONAL EXPERIENCE

Cybercrime and Forensic Investigations Specialist

UBS Oct. 2022 - Ongoing, Zurich (Switzerland)

- Support internal functions with cybercrime and forensic investigations
- Assist cross-regional and cross-functional teams with managing cyber-fraud cases
- Assessing the risk to the organization and their clients by evaluating intelligence
- Detect and analyze cyber threats against the firm and client facing systems

Cyber Threat Intelligence Analyst

UBS Jan. 2021 - Sep. 2022, Zurich (Switzerland)

- Monitor and analysis of external cyber threats and assessment of risks
- Analysis of risks, data and controls to identify security weaknesses
- Delivery of threat intelligence papers and recommendations
- Provide requirements for influencing threat mitigation strategies

Cybersecurity Analyst

PartnerRe Oct. 2019 - Dec. 2020, Zurich (Switzerland)

- Detection, response and investigation to address security incidents
- Improve company's security posture on-premise and in the cloud
- Collaboration with other IT teams in different geographic locations
- Plan and develop phishing exercises across the company
- Assessment of security measures for iOS and Android devices

Junior researcher

SAP Mar. 2019 - Sep. 2019, Sophia Antipolis (France)

- Identifications and tracking of malicious actors on web applications
- Development and test of the research elements using JavaScript
- Analysis and presentation of the results using Python/JupyterLab

Junior researcher

Fondazione Bruno Kessler Mar. 2018 - Oct. 2018, Trento (Italy)

- Develop a Python tool to automatically assess the security of MQTT deployments
- Automated analysis of MQTT setups to address common misconfigurations
- Implementation of state of the art attacks for the MQTT protocol in Python

Junior penetration tester

Fondazione Bruno Kessler Nov. 2017 - Mar. 2018, Trento (Italy)

- Vulnerability and security assessment of IoT web platform
- Manual and automated analysis focused on web vulnerabilities
- Presentation of the findings to developers and identification of mitigations

■ EDUCATION

M.Sc. in Cybersecurity

EIT Digital Sep. 2017 - Sep. 2019, Italy and France

Summer school on Big Data Analytics - EIT Digital

EIT Digital Aug. 2018, Sotckholm (Sweden)

B.Sc. in Computer Science

Universita' degli studi di Trento Sep. 2013 - Mar. 2017, Trento (Italy)

■ PUBLICATIONS

Application security through multi-factor fingerprinting

Patent US20210160277A1

Application security through multifactor fingerprinting

Presentation at SecWeb 2020

MQTTSA: A Tool for Automatically Assisting the Secure Deployments of MQTT Brokers

Publication at 2019 IEEE World Congress on Services (SERVICES), doi:

10.1109/SERVICES.2019.00023

■ CERTIFICATIONS

Google Foundations of Project Management

Coursera Sep. 2022

Google Data Analytics Specialization

Coursera Jun. 2022

Diamond model threat analysis

Threat Intelligence Academy Feb. 2022

■ LANGUAGES

Italian *fluent*

English *fluent*

German *basics*

■ PROJECTS

Security blog

Authored posts on malware analysis, machine learning and phishing at andpalmier.com.

Popular posts:

- [Analysis of the malicious document generation for Emotet.](#)
- [How to pollute database of victims of phishing kits with fake data](#)
- In depth analysis of phishing kits: [Office 365/Outlook](#), [LinkedIn](#) and [ING Bank](#)

apkingo

Tool written in Golang to extract detailed information from apk files. [GitHub](#)

makephish

Golang tool to clone and patch login forms to create phishing pages. [GitHub](#)