ANDREA PALMIERI

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■ PROFESSIONAL EXPERIENCE

Cybercrime and Forensic Investigations Specialist

UBS *Oct. 2022 - Ongoing, Zurich (Switzerland)*

- Support internal internal functions with cybercrime and forensic investigations
- Assist 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 and *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 *mother tongue*
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