Niccolò Parlanti

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PROFILE

I am a cybersecurity master's student seeking a minimum three-month internship starting in February for thesis writing. Passionate about cybersecurity, actively engaging in skill-enhancing activities like CTFs, and committed to making a meaningful impact in the field.

EDUCATION

University of Twente   **September 2023 – Ongoing**
Eit Digital Cybersecurity Master Double Degree
- Key Modules: Secure Cloud Computing, Secure Data Management, Computer Ethics.
- Member of the Twente Hacking Team (THS) with focus on web hacking.
- Main Projects: Implementation of Rules on Azure Platform.

University of Trento   **September 2022 – August 2023**
Eit Digital Cybersecurity Master Double Degree
- Key Modules: Network Security, Applied Cryptography, Multimedia Data Security, Security testing; GPA of 4.0 at the end of the year.
- Joined Italy's CyberChallenge, a top level cybersecurity training program the project also involved a collaboration with National Cyber League (U.S.)
- Main Projects:
  - Implement a custom method for hiding information in images and an algorithm to attack other teams' images with over 90% effectiveness.
  - Implementation of an adversarial example attack on a classifier of real and fake images.
  - Conduct a vulnerability assessment on two web applications, both with static and dynamic analysis tools.

University of Florence   **September 2018 – June 2022**
Bachelor degree in Informatics Engineering
- Key Modules: Algorithms and data structures, basics of computers and programming, operating systems, database, theoretical informatics, computer fundamentals, networks and telecommunications.
- Studied abroad in Oulu, Finland during fall semester of 2020 (University of Oulu)
- Main Projects:
  - Build a web-app that shows ticket offices, bus stops and tramway stops in the Florence area, using geolocation and routing programs to guide the user to the chosen destination.

SKILLS

Network security, penetration testing, OWASP top 10, Cloud Security, Azure, Risk Assessment, MITRE ATT&CK, Azure. Understanding of cryptographic protocols and algorithms. Knowledge of programming languages: such as Python, Bash/Shell scripting, KQL and familiarity with PHP, SQL, JavaScript, HTML, C/C++, Java.
Linux Administration skills, familiarity with the Linux command-line interface. Knowledge of LAteX, Git, Figma, Microsoft and Google environment.

VOLUNTEERING

Croce Viola - Florence   **2015 - Ongoing**
- Gained extensive experience and certifications in basic and advanced rescue techniques, including BLSD.
- Effective communicator, as a team leader, I oversaw and coordinated an ambulance team.