

# Matteo GRECO

## M.Sc student in Cyber Security

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I am a Master's Degree student in Computer Science, specializing in Cyber Security at the University of Trento. I am an inquisitive person, eager to learn new skills and always seeking new topics to explore. I recently completed an internship at SAP Security Research, where I contributed to the development of an automated tool for mining vulnerabilities in open-source software repositories. I am finalizing my Master's thesis on the topic that I researched during the internship, and I am scheduled to graduate this October. My research interests include a wide range of topics such as open-source software, software vulnerabilities, mining repositories, software-defined networking, and cybercrime. Beyond cybersecurity, my passion lies in wildlife conservation, with a particular focus on primates. I am particularly intrigued by research methodologies involving automated detection techniques against wildlife poaching activities.

## EDUCATION

<b>2021 - Current</b> <b>University of</b> <b>Trento, Italy</b>	<b>Master's Degree in Cyber Security</b> I am currently enrolled in the Cyber Security track of the Computer Science program. Throughout my Master's, I've attended a range of courses about Information Security such as Applied Cryptography, Network Security, Risk Assessment, and Security Testing.
<b>2018 - 2021</b> <b>University of</b> <b>Trento, Italy</b>	<b>Bachelor's Degree in Information Engineering and Business Organization</b> I hold a Bachelor's Degree in Information Engineering with a focus on computer science, business management, and innovation. My thesis, "Evaluation of Techniques and Tools for Network Measurement in Softwarized Networks", examined the performance of established network measurement techniques when applied to softwarized networks.
<b>2013 - 2018</b> <b>I.T.T. G.Chilesotti,</b> <b>Italy</b>	<b>High School Diploma in Computer Science</b> My high school curriculum was centred on Computer Science and Communication Technologies. For my final project, I developed a first-aid application for Android smartphones.

## PROFESSIONAL EXPERIENCE

<b>July 2023</b> <b>February 2023</b>	<b>Security Research Intern, SAP, France</b> I contributed to the development of "Prospector", a component of the open-source "Project-KB", aimed at finding fixes for software vulnerabilities in open-source software repositories. Developed using Python, I integrated Redis Queue for job management and leveraged workers for processing. PostgreSQL was key for data storage, Docker containerized our services, and our development and testing were streamlined with Pytest and GitHub Actions.
<b>July 2017</b> <b>May 2017</b>	<b>Erasmus+ Internship, BIAŁYSTOK SCIENCE AND TECHNOLOGY PARK, Poland</b> I assisted System Administrators in their daily operations, delved into understanding the company's network infrastructure and server maintenance procedures and successfully established collaborative ties with mentors and colleagues in a foreign cultural environment.

## CERTIFICATIONS

### Flagship2 Participant

Participated in "Flagship2", a CyberSec4Europe simulation, where we role-played as employees of a compromised infrastructure, detecting threats. Our objectives included tracing attack origins, restoring a secure environment, and identifying the breach point.

### Devlympics 2021 Competitor

Organized by Secure Code Warrior, this event challenged participants in secure coding practices.

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