

# MATTEO GOLINELLI

Trento, Italy — matteogolinelli97@gmail.com — <https://golim.github.io>

## EDUCATION

---

- PhD in Cybersecurity** *University of Trento, IT* *Nov. 2021 - Present*  
Web security, focusing on web caches and reverse proxies.
- Master's Degree in Computer Science - Cybersecurity** *University of Trento, IT* *Sept. 2019 - July 2021*
- CyberChallenge.IT** *March 2020 - June 2020*  
Cybersecurity National Lab training on Cybersecurity, Ethical Hacking and Capture the Flag.
- Bachelor's Degree in Computer Science** *University of Trento, IT* *Sept. 2016 - Sept. 2019*

## ARTICLES

---

- Innocenti, T., Golinelli, M., Onarlioglu, K., Mirheidari, A., Crispo, B., & Kirda, E. (2023). "OAuth 2.0 Redirect URI Validation Falls Short, Literally". In *Annual Computer Security Applications Conference (ACSAC) 23*
- Golinelli, M., Arshad, E., Kashchuk, D., & Crispo, B. "Mind the CORS". In *IEEE International Conference on Trust, Privacy and Security in Intelligent Systems, and Applications (IEEE TPS) 23*
- Golinelli, M., Bonomi, F., & Crispo, B. (2023). "The Nonce-nce of Web Security: An Investigation of CSP Nonces Reuse". In *WASP workshop @ ESORICS 23*
- Mirheidari, S. A., Golinelli, M., Onarlioglu, K., Kirda, E., & Crispo, B. (2022). "Web Cache Deception Escalates!". In *31st USENIX Security Symposium (USENIX Security 22)*

## WORK EXPERIENCE

---

- Teaching Assistant** *University of Trento* *March 2023 - June 2023*  
Network Security Master's Degree course.
- Teaching at CyberChallenge.IT** *University of Trento* *2021 - Present*  
Training students for Capture the Flag competitions.
- Research internship** *University of Trento* *Jan. 2021 - July 2021*  
Academic research on Web Cache Deception vulnerabilities.
- Full Stack developer** *Sparkling Co* *Aug. 2020 - Dec. 2020*
- Software developer** *Digicando* *Feb. 2019 - June 2019*  
Development of smart contracts for the Ethereum blockchain.
- IT specialist** *Solland Silicon* *July 2018 - Sept. 2018*  
Computers maintenance, internal software development, network and firewall maintenance.

## CONFERENCES AND SEMINARS

---

- IEEE TPS 23** *Atlanta, GA* *Nov. 2023*  
Presenting "Mind the CORS".
- ESORICS 23** *The Hague, NL* *Sept. 2023*  
Presenting "The Nonce-nce of Web Security: An Investigation of CSP Nonces Reuse".
- USENIX Security 22** *Boston, MA* *Aug. 2022*  
Presenting "Web Cache Deception Escalates!".
- BountyConEDU 22** *Madrid, ES* *May 2022*

## TECHNICAL SKILLS

---

- Python, Burp Suite (and extensions development), Linux, web servers, proxies and CDNs.
- Capture the Flag player and competitive programmer (Google Hash Code, Reply code challenge).