



Wissem Soussi

Education

- 2021 - 2025 **PhD in Cybersecurity** [University of Zürich \(UZH\), Switzerland](#)
Doctorate in Network and Cloud Security at University of Zürich, Institute of Informatics (IfI), Communication Systems Group (CSG); started in the Spring Semester of 2021 and completed on May 2025. Graduated with *Magna Cum Laude* distinction. Supervisors: Dr. Gürkan Gür and Prof. Burkhard Stiller.
- 2019 - 2020 **2nd year of Master in Cybersecurity** [UGA & INP Ensimag, France](#)
International Master in Cybersecurity at Grenoble. Grade: 14.56/20.
<https://casys.gricad-pages.univ-grenoble-alpes.fr/cybersec/>
- 2018 - 2019 **1st year of Master in Computer Science** [UGA & INP Ensimag, France](#)
International Master in Computer Science at Grenoble. Grade: 14.8/20.
Ranked 4th/47 students. <http://mosig.imag.fr/>
- 2015 - 2018 **Bachelor in Computer Science and Engineering (CMI)** [Montpellier University, France](#)
Bachelor's Degree in Computer Science reinforced by an engineering training: management, communication and accounting. Grade: 15.68/20.
Last semester rank: 5th/87 students.
- 2010 - 2015 **Business Information Systems** [I.T.C.G Baggi, Italy](#)
Main teachings: Accounting and Computer Science. Grade: 86/100.

Age
29

Nationality
Italian
Tunisian

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Research
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Languages
Italian, native
Arabic, native
English, C1
French, C1
German, A2

Experience

- 09/25 - now **Research Associate in Network Security** [ZHAW, Switzerland](#)
My work mainly addresses the security of network slices in future 6G and nextG Telco-Cloud networks, focusing on the application of Moving Target Defense (MTD) techniques enhanced with deep-RL. Currently, I am working on the EU H2020 'NETWORK' project (<https://www.network-project.eu/>).
- 09/20 - 08/25 **Research Assistant in Network Security** [ZHAW, Switzerland](#)
I am working at ZHAW (Zurich University of Applied Sciences), Institute of Computer Science (InIT), as a research assistant. I worked on the EU H2020 INSPIRE-5Gplus project, ending in October 2022 (<https://www.inspire-5gplus.eu/>).
- 02/20 - 07/20 **Research Internship in Network Security Measurements** [LIG LAB, France](#)
For my Master's Thesis, I have worked as a research intern at LIG (Laboratory for Informatics at Grenoble) in the Drakkar group, designing and implementing RealPhish, a Real-Time Detector of Phishing Websites. Supervisor: Dr. Maciej Korczynski.

05/19 - 07/19 **Research Internship in Network Security Measurements** [LIG LAB, France](#)
I have worked as a research intern at LIG and published a paper titled: "Feasibility of Large-scale vulnerability notifications after the GDPR" 2020 IEEE European Symposium on Security and Privacy Workshops (EuroS&PW) (<https://doi.org/10.1109/EuroSPW51379.2020.00078>). Supervisor: Dr. Maciej Korczynski.

06/17 - 07/17 **Research Internship in Embedded Systems** [LIRMM laboratory, France](#)
The internship project consists of using a Raspberry Pi to implement a secure VoIP video intercom. Technologies and keywords: IoT, Raspbian, Linphone, FreePBX, Asterisk, SIP, and TLS.

Professional Knowledge and Skills

Offensive Security & Penetration Testing: proficient in network and software security principles and practical penetration testing. Currently pursuing the OSCP certification.

Cloud & Network Security: Secured cloud networks with security-by-design principles, TEEs (SEV-SNP), network monitoring and anomaly detection, proactive/reactive threat mitigation techniques, and traditional network security operations: firewall policies, SIEM, and threat analysis.

Security Architecture & Cryptography: Designed and tested robust security architectures, including PKIs, Kerberos, and Blockchains; applying core cryptographic primitives.

Security Automation & AI: Leveraged AI/ML (Federated, Supervised, and Reinforcement Learning) for security task automation and threat response optimization.

Development & Infrastructure: proficient programming (Python, Java, and JS), DBMS (SQL), secure development with DevSecOps practices. Administration and orchestration of networks and cloud-native environments in OpenStack and Kubernetes.

Soft Skills

Leadership & Collaboration: Led technical tasks and work packages in multinational, multi-partner EU Horizon projects, successfully collaborating with academic and industrial partners from all over Europe.

Science & Stakeholder Communication: Authored winning project proposals, scientific articles in renowned journals and conferences (ACM Computing Surveys, IEEE Network, and IEEE ICC), and authoritative whitepapers and deliverables for diverse audiences, from peers to executives.

Mentorship & Knowledge Transfer: Teaching IT Security at the university level and directly supervising numerous Bachelor's and Master's projects and theses to successful completion, often leading to scientific publications.