



# Leonardo Serilli

🌐 Nationality: Italian - Rieti (RI)  
🏠 1998  
📍 Nice (FR)

🎓 Titles: Master Degree in computer science

🗣️ Languages: Italian, English, French.

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## STUDIES

2017-2020 **Degree in Computer Science**  
L'AQUILA UNIVERSITY · L'Aquila (IT) 📍  
Earned a bachelor degree in computer science with a mark of 102/110



2020-2021 **1st year of Master Degree in Ubiquitous Design and Distributed Systems**  
L'AQUILA UNIVERSITY · L'Aquila (IT) 📍  
First of two year in a computer science master II degree.



2021-2022 **2nd year of Master Degree in Ubiquitous Networking**  
CÔTE D'AZUR UNIVERSITY · Nice (FR) 📍  
Currently attending the second of two year in a computer science master II degree.



2020 **Quantum Computing Bachelor Thesis**

L'AQUILA UNIVERSITY · L'Aquila (IT) 📍  
Thesis about Quantum Computing Algorithms. follow a list of some discussed topics: Quiskit, Quantum Fourier transform, Quantum phase estimation, Shor, Grover, Variational Quantum Eigensolver and more.

The document can be found at <https://github.com/LeonardoSer/Ubinet/blob/main/QuantumNetworking/TESI.pdf>



2021-2022 **Projet de fin d'étude**  
INRIA · Nice (FR) 📍

Worked in the INRIA's COATI team during my projet de fin d'étude (PFE). The project regarded the evolution of social graphs over time. I worked under the supervision of the following professors: Małgorzata Sulkowska, Nicolas Nisse, Frédéric Giroire.

The description of work (DOW) of the project can be found at [https://github.com/LeonardoSer/PFE\\_INRIA/blob/master/000-Documentation/Dow.pdf](https://github.com/LeonardoSer/PFE_INRIA/blob/master/000-Documentation/Dow.pdf) and the associated report at [https://github.com/LeonardoSer/PFE\\_INRIA/blob/master/000-Documentation/Report.pdf](https://github.com/LeonardoSer/PFE_INRIA/blob/master/000-Documentation/Report.pdf)



## LOTS OF INFORMATION

2020 **Cyberchallenge**  
L'AQUILA UNIVERSITY · L'Aquila (IT) 📍  
Classificated for the 2020/2021 edition of the Cini(Consorzio Interuniversitario Nazionale per l'Informatica) national project 'Cyberchallenge' with a participation in the regional competition.



2017-2021 **University Projects**  
L'AQUILA UNIVERSITY · L'Aquila (IT) 📍  
Faced many project during bachelor studies, by my own or in team, which have covered topics such as Relational Database, Software Engineering and Architecture, Web Development, Restful services, Artificial Intelligence, Machine Learning and so on.  
Some can be found at the following links:  
<https://github.com/LeonardoSerilli98?tab=repositories>  
and <https://github.com/LeonardoSer?tab=repositories>



2022 **internship**  
INRIA · Nice (FR) 📍

Involved in a six months internship in the INRIA's COATI team from march 2022 until august 2022. The internship follows the work done in the PFE described above. The final Report of the project can be found at <https://github.com/LeonardoSer/internship/blob/main/documentation/ReportFinale.pdf>





2023 **Consultant**  
INETUM · Nice (FR) 📍  
consultant at the inetum company



2023 **Developer**  
AMADEUS · Nice (FR) 📍  
Developer at Amadeus for Inetum in the Testing Tool Team. Working on the internal test infrastructure of Amadeus.



## DEGREES

- 2020 **Bachelor Computer Science Degree**  
CERTIFIED · L'Aquila university 
- 2022 **Master II Computer Science Degree**  
IN PROGRESS · L'Aquila university /  
Côte d'Azur university 

## CERTIFICATES

- 2021 cyberchallenge certificate  
<https://github.com/LeonardoSer/flags/blob/main/Certificates/Attestato.pdf>
- 2020 Reply cybersecurity challenge certificate  
[https://github.com/LeonardoSer/flags/blob/main/Certificates/ReplyCyberSecurityChallenge2020\\_Certificate.pdf](https://github.com/LeonardoSer/flags/blob/main/Certificates/ReplyCyberSecurityChallenge2020_Certificate.pdf)
- 2021 Hack the box academy transcript  
<https://github.com/LeonardoSer/flags/blob/main/Certificates/HTBAcademyStudentTranscript.pdf>
- 2021 Try hack me certificates  
- [https://github.com/LeonardoSer/flags/blob/main/Certificates/THM\\_CompleteBeginner\\_cert.png](https://github.com/LeonardoSer/flags/blob/main/Certificates/THM_CompleteBeginner_cert.png)  
- [https://github.com/LeonardoSer/flags/blob/main/Certificates/THM\\_ComptiaPentest%2B\\_cert.png](https://github.com/LeonardoSer/flags/blob/main/Certificates/THM_ComptiaPentest%2B_cert.png)  
- [https://github.com/LeonardoSer/flags/blob/main/Certificates/THM\\_OffensivePentesting\\_cert.png](https://github.com/LeonardoSer/flags/blob/main/Certificates/THM_OffensivePentesting_cert.png)

## </> KEY SKILLS

Experience in Linux Operation Systems, programming language such as , c++, Java, python, bash, assembly, JS, TS and more. Background in networking related topics, such as protocols (SMB, POP, IGMP, SMTP, TCP/IP, UDP...), firewalls, network devices and architectures (LAN, WAN, VLAN,...), mobile networks, flow based and distributed algorithms and so on. Knowledge of frameworks for web development as Laravel, React, Spring and Django. Comfortable in linear programming frameworks such as GurobiPi, and in Machine Learning related arguments. Interested in microcontrollers programming such as Arduino and Raspberry Pi. Actually learning about Cybersecurity, Etichal hacking and penetration testing, so passionate in playing capture the flag competition in platform such as Hack the Box [hackthebox.com](https://hackthebox.com) or Try hack me. [tryhackme.com](https://tryhackme.com).

Teamworking, Communication skills and good english level aquired working as waiter, playing rugby and travelling.

- ★★★★★ Python, C, Js, C++, Javascript, TypeScript, ...  
★★★★★ Laravel, Spring, React, Django.  
☆☆★★★★ Linear programming, Distributed Algorithms, ...  
☆☆★★★★ Networking.  
☆☆★★★★ Machine Learning, Data Mining, ...