Geminiani Guerino

Contacts

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- in Guerino Geminiani | LinkedIn
- 📅 22/05/1996
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Languages

Italiano	Madrelingua
Inglese	B2
Spagnolo	A1

Skills

- ➢ SQL
- ➢ Python
- ➢ Bash
- ➢ Hypervisor
- ➢ Docker
- ➢ Cybersecurity
- ➢ BI Tools (Grafana and Power BI)
- ➢ Optical FIber
- ➢ Network Infrastructure Skills

Interests

- Tech
- Boxe
- Football

With a background in Electronics Engineering from the University of Bologna and a master's degree in Telecommunications Engineering. Currently, I work as a Service Signalling Engineer, where I contribute to the development of the Control Room and the new Diagnostics and Maintenance System for ERTMS and Interlocking. Additionally, I focus on enhancing the cybersecurity of the control room infrastructure.

Professional Experience

Service Signalling Engineer

Alstom | 2022 – Present

Strong expertise in telecom network architecture and protocols.
Proficient in using signaling monitoring tools and analyzing signaling data for troubleshooting and optimization.
Skilled in designing and implementing signaling filters and rules.
Experienced with containerization technologies, including Docker and Docker Compose.
Solid understanding of network security principles, best practices, and secure communication methods like Data Diodes. Skills Acquired:

- ✓ SQL
- ✓ Cybersecurity
- ✓ Python
- ✓ Hypervisor (VMware/VSphere/Harvester)
- ✓ Docker/Docker-compose
- ✓ IMP, SNMP (TCP/UDP) protocols
- ✓ Data Analysis and BI Tools (Grafana and PowerBI)
- ✓ Network Infrastructure Skills

Project Manager Assistant

Connecting Europe,
Luis Montot 105, 41007 Seville (Spain) | 2018 – 2020

Main Task: Organizing international student mobility within European Union countries; Facilitating work placements by coordinating relationships between companies and students.

Education

Master: 2022-2023
Scuola di Alta Formazione in Ingegneria dei Sistemi per la Mobilità Integrata
Alma Mater Studiorum - Università di Bologna

Master Degree: 2019-2022
Telecommunications engineering
Alma Mater Studiorum - Università di Bologna

Bachelor Degree: 2015-2019
Ingegneria Elettronica e Telecomunicazioni
Alma Mater Studiorum - Università di Bologna