Théotime BALAGUER

First year Ph.D. student in Robotics and Telecommunications

Expertise	Strenghts
- Aerial robotics - Multi-robots systems - Network architecture - Communication systems - Embedded development	- Initiative taking - Interpersonal relations - Enthusiasm - Conscientious - Ambitious

⚛ Publications

Etat de l'art sur la co-simulation robotique et réseau des systèmes multi-robots
Théotime Balaguer, Olivier Simonin, Isabelle Guérin Lassous, Isabelle Fantoni
31èmes Journées Francophones des Systèmes Multi-Agents (JFSM 2023), Jul 2023, Strasbourg, France

📈 Experience

2021-2022   Software Support Engineer at FORSK
- Handling and solving of worlwide customer base
- Expertise on 2G to 5G network planning with Atoll software and Aster propagation model
- Installation, configuration and licensing of a proprietary software
- Internal collaboration, including offices abroad (US, China, Australia)

2021 (6 months)   Internship at SPIE ICS - Network Architect
- Conception of network and datacenter architectures (LAN, WAN, SDWAN, hyperconverged datacenters)
- Conception of cybersecurity processes strategy for national strategic systems
- Project leader (junior)

2020 (4 months)   Research internship at INRIA Laboratory
- Development and usage of a LoRa test-bed for UAVs
- Litterature review on fleet of cooperative drones and networking
- Introduction to smart-cities challenges and opportunities

2017-2020   INSA Lyon students union - Executive board member
- Budget monitoring, team supervision, strategy
- Event organization: Partnerships, contracts, logistics, fundraising

🎓 Studies

2016-2021   INSA Lyon school of engineering - Telecommunications - with honours

2013-2016   High school Scientific Diploma - option Engineering sciences - with honours

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Contact

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Languages

French (native)

English (fluent)

Spanish (B1)

IT Skills

Linux, Windows OS
Git
ROS 2
NS3 simulator
Gazebo simulator
PX4 Autopilot
C++
Python
Java

Hobbies

Dance - Hip-Hop, Contemporary
Winter sports
Rock-climbing
Surf

Classical percussions
Member of a jazz band
Philarmonic orchestra