PERSONAL PRESENTATION

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SUMMARY

- Presentation of ESIEE PARIS
- Personal experience in cybersecurity
- Forensics readiness of blockchain technologies

PRESENTATION OF ESIEE PARIS

ESIEE PARIS is an engineering school in France, based in greater Paris, ESIEE PARIS joined university Gustave Eiffel newly created and that is ranked at Shangai ranking

engineering school ranking in France:
4th post-baccalaureate classification
Overall ranking 24th of the 172 schools

Prominent alumnus of ESIEE PARIS:
• Marcel Dassault foundator of group Dassault

• Éric Larchevêque co-foundator of Ledger a start-up in cryptocurrency wallet

• Yann Le Cun, Turing Award in 2019 for his pioneering work on deep learning

CURRICULUM IN INGINEERING SCHOOL

Engineering diploma in France is 5 years :
- 2 years of Preparatory cycle
Basic sciences: mathematics and physics
Engineering sciences: IT and electronics
Management, languages and human sciences
Projects

- 1 year of Common core engineering cycle
Common core
Optional units (Cybersecurity, AI, electronics, medicine)

- 2 years of specialized engineering cycle
They are devoted to the construction of skills, to the free choice of the student.

PERSONAL EXPERIENCE IN CYBERSECURITY

Theoretical and practical course that I was able to do during my year of specialization

STANDARDS, CERTIFICATIONS AND IDENTITY MANAGEMENT
SECURITY OPERATING SYSTEM WINDOWS/LINUX
LINUX OPERATING SYSTEM ADD-ONS
CRYPTOGRAPHY
INFORMATION SYSTEMS SECURITY

SECURITY OPERATING SYSTEM SMARTPHONES
AUDIT AND SECURITY OF LOCAL NETWORKS
COMPUTER ARCHITECTURE
CYBER DEFENSE AND ATTACK

SECURITY VIRTUALIZED OPERATING SYSTEMS
AUDIT AND SECURITY OF OPERATOR NETWORKS
REVERSE ENGINEERING

FORENSICS READINESS OF BLOCKCHAIN TECHNOLOGIES

The project is a blockchain based digital forensics management using hyperledger fabric and docker. Hyperledger was founded by Linux foundation

Fabric is is a permissioned blockchain infrastructure, providing a modular architecture with a delineation of roles between the nodes in the infrastructure

The forensic management model that will be used only allow authorized participants in a distributed environment. The blockchain allows to share and manage potential crime data without a central management agency.

SOURCES

https://fr.wikipedia.org/wiki/ESIEE_Paris
https://en.wikipedia.org/wiki/Hyperledger