# SONI DIEDHIOU

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## PROFILE

*Second-year Software Engineering student at ENSIIE with a strong interest in information systems security and cybersecurity. I am seeking an internship from May to September as an Information Systems Security Analyst to develop practical skills in security monitoring, risk analysis, and vulnerability assessment. Motivated and rigorous, I aim to contribute to real-world security projects while preparing to apply for the SECRETS double-degree Master's program.*

## SKILLS

- **Languages** : French: native;  English: B2 (certified) ;  German: beginner ;Spanish: beginner
Arabic: beginner (self-taught)
- **Technical Skills**

Programming: Python, C, Java, C++, JavaScript;       Web Development: HTML, CSS, PHP
Databases: SQL;                                      Scripting & System Tools: Shell, Linux
Networking: Cisco Packet Tracer, NetSim
Security & Monitoring Tools: MSSGUARD (SOC environment), Windows Event Viewer

- **Relevant Areas**

Information Systems Security ;Security Monitoring & Log Analysis; Network Security Fundamentals
Risk Analysis & Basic Threat Modeling ;Algorithms & Data Structures
Low-level Systems Fundamentals

## EXPERIENCE

### Internship June/July 2025

*Conservatoire nationnal des Arts et Métiers*

- Web Development, Statistics : Python , Flask , HTML   : sondiedh.pythonanywhere.com

### Projets:

*ENSIIE*

- Game development : programming in C and Python, probabilistic logic
- Software design project:Multi-site office management system: UML modeling, Java implementation
- Image processing: programming in C
- Development of a file management interface: C++ and Qt

### Part-time permanent contract

*Auchan*

- Multi-skilled employee, mainly in the produce section (fruits & vegetables)
- Inventory management, shelf organization, handling deliveries

## EDUCATION

### Asia Pacific University of Technology and Innovation (APU) | Kuala Lumpur, Malaysia International Exchange Semester

Program: Master of Science in Cybersecurity
Relevant Coursework:  Information Security Design (ISD) ; SOC
- Cyber Security & Threats (CST)
- Information Security Architectures (ISA)

### Engineering school – ENSIIE, Evry

École Nationale Supérieure d'Informatique pour l'Industrie et l'Entreprise.
Pursuing a degree in Computer Science and Applied Mathematics (expected graduation in 2027)
Software Engineering track

### Online self-learning

daily practice on TryHackMe, Network Academy (netacad.com), OverTheWire, rootme

### 2022–2024 – Preparatory Classes for the French Grandes Écoles (CPGE), Lycée Michelet, Vanves – intensive program in mathematics, computer science, and physics

### 2022 – French General Baccalauréat, highest honors – Lycée des Sept Mares, Maurepas

## HOBBIES

Sports:
- Competitive football (school team) • Regular gym training
Video games:
- Action/adventure • Sports/arcade • Creative/sandbox games