



MANO DINNAT CREUSIER

Engineering Student at ENSEEIHT | Architecture, Systems & Networks. Combining a strong analytical background from a Double Bachelor's in Maths-CS with hands-on expertise in VHDL/FPGA design. Focused on developing optimized hardware-software solutions for embedded computing

CONTACT

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LANGUAGES

- French : native
- English : C1
- Spanish : B1
- Italian : A2

SKILLS

- Hardware & Embedded: VHDL, FPGA Architecture (UART modules), Logic Synthesis, Communication Protocols.
- Programming: C, Python (AI & Data Science), Java, SQL, OCaml (Compiler Design).
- Systems & Networks: Unix/Linux, Network Infrastructure (VPN, ISP simulation), System Security.
- Mathematics: Probabilities, Statistics, Differential Calculus, Algebra.
- Tools: Matlab, n8n/Make (Automation), Git, Pandas.

HOBBIES

- Sports: Trail running (UTMB Index: 604), Triathlon, Mountaineering, Caving, Diving.
- Personal Investment: Strong interest in financial management

CERTIFICATIONS

- Double Bachelor in maths and computer science
- TOEIC 895 (2022)
- PSC1
- PSE1
- BNSSA
- PADI Open Water

PROFESSIONAL EXPERIENCE

- Freelance - AI & Automation Tools | Toulouse (Sept 2024 – Jan 2025)
 - Developed analysis and automation workflows; conducted training sessions.
- Internship - AI & Application Development | Toulouse (2024)
 - Built applications integrating Large Language Models (LLMs) and automated workflows.
- Research Internship | IRSAMC (Physics Research Institute) (March 2021)
 - Explored physical modeling and scientific research methodologies.
- Supervising Lifeguard (BNSSA) | Summers 2022, 2023, 2024
 - Ensured safety in swimming areas; performed emergency rescues and first aid.
 - Key Skills: Team leadership, crisis management, and high-responsibility decision-making.

EDUCATION

- MSc in Engineering – Digital Sciences | ENSEEIHT (N7), Toulouse . Specialization: Architecture, Systems, and Networks
- Double Bachelor's Degree in Mathematics & Computer Science | Paul Sabatier University, Toulouse. Solid foundation in mathematical modeling, advanced statistics, and algorithmic analysis.