Comparetto Matthieu

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Engineering student seeking a second-year internship in Toulouse or the Paris metropolitan area, within the field of computer science, particularly in data engineering, to strengthen my technical skills. Available from mid-January to the end of February and from late July to mid-September.

Professional Experience

Internship — INSERM, Villejuif   2025 (7 weeks)

- Managed and optimized the computer network, including access rights management.

- Analyzed code and improved the performance of internal software tools.

Education

ENSEEIHT — INP Toulouse   2024–2027

- Digital Sciences major — HPC & Big Data.

Preparatory Classes MPSI–MP, Lycée Jean-Baptiste Corot   2022–2024

- Admitted to ENSEEIHT through the INP competitive entrance exam.

Projects

Academic Projects — ENSEEIHT

- Developed a file compression and decompression program in Ada, ensuring data integrity and good performance. (Group project)

- Designed a virtual Internet Service Provider (ISP): network architecture, DNS, static and dynamic routing. (Individual project)

Personal Project

- Developed a Connect Four game in Java using an object-oriented architecture. (Individual project)

Technical Skills

- **Mathematics:** Optimization, numerical computation, advanced linear algebra, statistics.

- **Computer Science:** Low- and high-level programming, networking, algorithms, modeling.

- **Languages:** Ada, Assembly, C, Java, MATLAB, OCaml, Python, SQL.

Soft Skills

- **Teamwork, autonomy, creativity.**

- **Languages:** French (native), English (B1), Italian (B2).

- **Interests:** Music, cinema.