Neil Monastiri

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I'm a Data Science student with experience in personal, academic, and commercial projects. I'm naturally curious and love taking on challenges, but what really drives me is the satisfaction of perfecting every detail. I take pride in aiming high and delivering my best work. I'm looking forward to joining a team where I can keep learning, growing, and making a real difference.

PROFESSIONAL EXPERIENCE

Linedata   **Tunis, Tunisia**
Engineering Intern   *August 2024 – September 2024*

TAV Technologies   **Enfidha, Sousse**
Business Immersion Intern   *August 2023 – September 2023*

Axefinance   **Tunis, Tunisia**
End of Study Intern   *February 2022 – June 2022*

PROJECTS

- **Feasibility Study of LLM Integration in Linedata Product (Linedata Internship):**
  - Tested and compared model configurations for optimized performance in internal usage.
  - Generated and prepared data for model training following Alpaca dataset generation method.
  - Developed an internal AI tool for Linedata's developers by fine-tuning a Large Language Model.
  - Technologies: Python, HuggingFace, Unsloth.ai, LM Studio.
- **ManiaCredit (Academic Project, Esprit):**
  - Created a credit scoring system for individuals and businesses using advanced ML techniques.
  - Developed an accessible solution via web and mobile platforms.
  - Technologies: Python, TensorFlow, Angular, NodeJS, Flutter.
- **Wi-Fi Captive Portal Development (TAV Technologies Internship):**
  - Designed and implemented a captive portal for Wi-Fi access, improving airport passenger services.
  - Technologies: HTML5, CSS3, JavaScript, PHP.
- **Apache Kafka Integration (Axefinance Internship):**
  - Integrated Apache Kafka into credit management software to enhance scalability and performance.
  - Optimized system reliability and throughput using Kafka's distributed architecture.
  - Technologies: Apache Kafka, Confluent, Ubuntu Server, Docker.

EDUCATION

FH Schmalkalden University of Applied Sciences   **Schmalkalden, Germany**
Exchange Program   *October 2024 – Present*

Private Higher School of Engineering and Technology (Esprit)   **Tunis, Tunisia**
Software Engineering, International Degree Program   *September 2022 – Present*

Higher school of science and technology of Hammam Sousse (ESSTHS)   **Sousse, Tunisia**
Bachelor's Degree in Computer Science   *September 2019 – June 2022*

Sahloul 4 High School   **Sousse, Tunisia**
Experimental Science Baccalaureate   *June 2019*

SKILLS

- **Programming Languages:** Python (Pandas, Numpy, TensorFlow), R, Java (SpringBoot)
- **Tools:** Jupyter Notebooks, Docker, Apache Kafka, Git/GitHub, Linux CLI
- **Databases:** NoSQL (MongoDB), SQL, PLSQL
- **Other Skills:** Time Series Analysis, Microsoft Office (Word, Excel, PowerPoint), Figma, Blender, LLMs (Unsloth.ai, HuggingFace, LM Studio)

SOFT SKILLS

- Strong analytical and problem-solving abilities.
- Excellent collaboration and teamwork skills.
- Curiosity and adaptability, with a strong eagerness to explore and learn new ideas and technologies.
- High attention to detail and commitment to quality.
- Effective communication skills for technical and non-technical audiences.

CERTIFICATES

- Machine Learning, Stanford University (Coursera)

LANGUAGES

- Arabic: Native/Bilingual
- English: Fluent
- French: Fluent
- German: A2 Level