



TOM GRACI

Food Engineer

Specializing in AI

WORK EXPERIENCE

2023 – Present

France

Quality Engineer & Data Scientist (Work-study) | Révillon

- **AI & Decision Support (thesis topic):** Developed a RAG architecture for automating and semantically indexing digital hygiene inspection reports.
- **Data Engineering:** Designed automated ETL pipelines via API to centralize and transform heterogeneous quality data flows.
- **Process Analysis:** Statistically processed physicochemical data (rheology) to control chocolate variability.

02/2025 – 05/2025

Czech Republic

Industrial Performance Engineer (Internship) | Savencia

- Developed and programmed new automated cleaning instances to optimize equipment cleaning programs and reduce resource consumption.
- Analyzed internal and supplier datasets to identify performance bottlenecks and efficiency gains.

01/2023 – 03/2023

France

Laboratory Technician | Eurofins

- Enhanced sample management and quality assurance through preparation for analyses, traceability, improved systems and customer-reported analysis results.

EDUCATION

2023 – 2026 | National Institute of Agriculture and Food Science

Institut Agro Dijon, France

Specialization: Data and Digital Technologies for Agrifood

Key modules: Data Acquisition; Processing and Analysis; Data Storage; Machine Learning; Deep Learning; Data Visualization; Digital Ecosystem and Societal Aspects

2021 – 2023 | Two-year Technical Degree

Food Sciences and Biotechnologies – IUT Dijon, University of Dijon, France

REFERENCES

Pierre-Yves LOUIS

Teaching-researcher in statistics and mathematics / Training coordinator
Institut Agro Dijon

26 bd Docteur Petitjean, 21000 Dijon
pierre-yves.louis@agrosupdijon.fr

Betty BIDEAUT

Quality and research / development director
Révillon Chocolatier

5 place Pincourt, 42120 Le Coteau
betty.bideaut@revillonchocolatier.fr

INTERESTS

- Acrylic painting
- Team games
- Reading AI research papers
- Creating AI-based applications for food quality

CONTACT

✉ graci.tom21@gmail.com

📍 Loire (42), France

🌐 PORTFOLIO
tom-ai.dev

🚗 Driver's licence

IT SKILLS

AI & Data

Python (PyTorch, scikit-learn, Pandas, XGBoost), OpenCV, Neo4j, GraphRAG, SQL, R, local models (Ollama)

Deployment

Git, Streamlit, Docker

Industrial Tools

Power Platform (Power BI, Power Apps, Power Automate)

SKILLS

- Self-learning AI/ML alongside studies
- Scientific curiosity and research paper reading (arXiv, SOTA)
- Initiative in problem solving
- Compliance with deadlines and constraints

LANGUAGES

English

C1 – TOEIC Listening & Reading: 945/990

French

Native speaker

German

Academic level