

Jenifer Tabita Ciuciu-Kiss

Data scientist

AI/ML engineer with 5+ years in tech, building end-to-end automation, data solutions across enterprise and startup environments. Skilled in scalable data pipelines, GenAI and RAG applications and agile product delivery. Delivered 10+ production-grade AI/ML solutions from stakeholder requirements to deployment.



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📍 Zurich, Switzerland (B permit)

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🌐 jeniferciuciu.kiss.com

🐙 github.com/kuefmz

WORK EXPERIENCE

Data/AI automation engineer UBS

07/2026 - Present Zurich, Switzerland
Developing AI/ML automation solutions for large-scale financial workflows, with full ownership from project planning to deployment.

- Delivered multiple AI-driven automation tools to make manual reporting and reconciliation 2x faster across finance processes.
- Built intelligent document processing and data extraction pipelines using Python, SQL, LLM prompting, and validation logic.
- Developed internal RAG/agentic AI workflows for querying structured and unstructured business data.
- Automated complex ETL pipelines integrating Excel, Microsoft Access, PostgreSQL, SQLite, and internal enterprise systems.
- Owned end-to-end solution delivery from stakeholder requirements and prototyping to deployment.
- Built reusable Python-based AI tooling accelerating future automation delivery and reducing development time across recurring use cases.

Contact: Ivo Gisin - +41763792904, ivo.gisin@ubs.com

Machine Learning and Data Analytics Engineer Sense6

09/2022 - 05/2024 Zurich, Switzerland
Leveraging ML for automated data extraction, transforming complex/unstructured data into actionable insights, driving business decisions.

- Improved data extraction performance from PDFs with 2x accuracy through the integration of ML with heuristic algorithms.
- Achieved a 1.5x faster data retrieval rate by boosting system reliability through Docker and Poetry.
- Boosted client's decision-making efficiency by 1.5x and enhanced data-driven business results.
- Improved the deployment process's reliability threefold by fully integrating the CI/CD pipeline into Jenkins.
- Customizing LLaMA2 to meet unique client requirements.

Contact: Baptiste Pretre - +41786201992, baptiste@sense6.ai

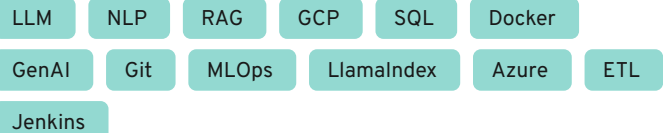
Data Scientist Parquary AG

02/2022 - 08/2022 Zurich, Switzerland
Developed and evaluated ML solutions across computer vision and NLP classification pipelines on industrial and research datasets.

- Increased accuracy by 1.3x in object recognition and image classification models on a big data pipeline over GCP.
- Designed a software classification methodology using NLP techniques, achieving 92% training and 76% test F1-score.
- Integrated classification workflows into production-oriented metadata extraction pipelines for scalable automated labeling.
- Optimised PostgreSQL query performance by 3x, accelerating downstream analytics and model-serving processes.
- Implemented and deployed ML features across Python and JavaScript backend services.

Contact: Andrea Fossati - andrea@parquary.com

SKILLS



EDUCATION

PhD candidate in Artificial Intelligence Universidad Politécnica de Madrid, Ontology Engineering Group

10/2023 - Present Remote

- Research software classification using NLP techniques, scientific knowledge graph alignment

M.Sc. in Data Science Polytechnic University of Madrid

09/2020 - 07/2022 Madrid, Spain

- Thesis title: A Methodology for Research Software Classification.

M.Sc. in Data Science Eötvös Loránd University

09/2020 - 07/2022 Budapest, Hungary

- Innovation and entrepreneurship minor.

B.Sc. in Computer Science Eötvös Loránd University

09/2017 - 08/2021 Budapest, Hungary

LANGUAGES

English	Hungarian
Full Professional Proficiency	Native or Bilingual Proficiency
Spanish	German
Professional Working Proficiency	Limited Working Proficiency

TEACHING EXPERIENCE

Data Science/Data Analytics Teacher Le Wagon

10/2022 - Present Zurich/Amsterdam

- Helped 100+ students reach their career goals.
- Teaching classes on the latest topics in data science and analytics including Python, SQL, data visualization, GCP, looker, performance metrics, basic ML models and ensemble methods git and dbt.
- Provided hands-on project management mainly in MLOps, APIs, and data visualization.

Contact: Alicia Cesa Bianchi - +41 77 521 58 37