

# Jenifer Tabita Ciuciu-Kiss

## Data scientist

Data Scientist with 3+ years in the field, combining a passion for data analytics with a flair for entrepreneurship. Skilled in developing advanced data solutions, implementing machine learning techniques, and leading agile projects. Deployed 10+ different ML solutions each tailored to meet and exceed the expectations of 4 satisfied clients.



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## WORK EXPERIENCE

### Machine Learning and Data Analytics Engineer Sense6

09/2022 - Present

Zurich, Switzerland

Leveraging ML for automated data extraction, transforming complex/unstructured data into actionable insights, driving business decisions.

- Improved the performance of data extraction from PDFs by 30% through the integration of ML with heuristic algorithms.
- Maintained Docker and Poetry boosting system reliability and achieving a 25% faster data retrieval rate.
- Provided strategic guidance in data analysis, increased client's decision-making efficiency and enhanced data-driven business results.

### Data Scientist Intern Parquary AG

02/2022 - 08/2022

Zurich, Switzerland

Parquary analyses any image from any camera to detect objects and provide real-time results to customers in the smart city - smart mobility sectors.

- Participated in agile workflows, enhancing team efficiency in a startup setting.
- Developed and optimized big data processes on Google Cloud and achieved over 97% accuracy in object recognition and image classification models.
- Contributed to both back-end and front-end development, and maintained the development environment using tools like Poetry, Docker, and PostgreSQL.

### Research Student Assistant in Data Science Ontology Engineering Group (UPM)

11/2021 - 07/2022

Remote

- Developed a classification methodology for research software repositories based on the documentation.
- Achieved a 92% F1 score in training and 76% in testing, significantly surpassing the previous state-of-the-art score by 36%.
- Integrated the classification into an existing software metadata extraction framework, optimizing the classification process.

### Machine Learning Intern Ericsson

05/2021 - 08/2021

Budapest, Hungary

- Worked with senior C++ developers to design features addressing the top five bug detection issues.
- Analyzed and developed a unique code representation approach for C++, enhancing model efficiency.
- Curated a 2,000+ instance bug sample dataset, improving model precision by 20% and influencing a 20% reduction in bug resolution time for developers.

## SKILLS

Python

SQL

C++

Git

Tableau

Excel

TensorFlow

GCP

PyTorch

Docker

## EDUCATION

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

10/2023 - Present

Remote

- Research Software Classification

### M.Sc. in Data Science

EIT Digital: Eötvös Loránd University; Polytechnic  
University of Madrid

09/2020 - 07/2022

Budapest, Hungary; Madrid, Spain

- Innovation and entrepreneurship

## LANGUAGES

English

Full Professional Proficiency

Hungarian

Native or Bilingual Proficiency

Romanian

Professional Working Proficiency

Spanish

Professional Working Proficiency

German

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, performance metrics, basic ML models and ensemble methods git and DBT.
- Provided hands-on project mentorship, teaching practical skills.

## INTERESTS

Marathon

Languages

Bikram Yoga