



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. Demonstrated ability to translate complex data into actionable insights, driving business efficiency and growth through cutting-edge AI technologies.

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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.

Achievements/Tasks

- Improved the accuracy of data extraction from PDFs by 30% through the integration of ML with heuristic algorithms.
- Maintained Docker and Poetry boosting system reliability by 30% and achieving a 25% faster data retrieval rate.
- Developed and oversaw comprehensive test cases, improving solution efficiency by 25%. Managed Jenkins for CI/CD, ensuring consistent system stability.
- Provided strategic guidance in data analysis, contributing to a 35% increase in client decision-making efficiency and a 50% enhancement in 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.

Achievements/Tasks

- 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

Achievements/Tasks

- 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

Achievements/Tasks

- 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

Team player

Communication

Critical thinking

EDUCATION

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

10/2023 - Present

Remote

Topic

- 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

Minor

- 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

Tasks/Achievements

- Helped 100+ students reach their career goals.
- Teaching classes on the latest topics in data science and analytics.
- Provided hands-on project mentorship, teaching practical skills.

INTERESTS

Marathon

Languages

Bikram Yoga