Jenifer Tabita Ciuciu-Kiss

Data scientist

Data Scientist with 5+ 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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github.com/kuefmz

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 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.

Contact : Baptiste Pretre - +41 78 620 19 92

Data Scientist Intern
Parquery AG

02/2022 - 08/2022   *Zurich, Switzerland*

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

- Increased accuracy by 1.3x in object recognition and image classification models on a big data pipeline over GCP.
- Optimized SQL queries on a PostgreSQL database, enhancing their execution speed by 3x.
- Implemented and deployed multiple features across both front-end and back-end using JavaScript and Python.

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

11/2021 - 07/2022   *Remote*

- Designed and developed a classification methodology for research software repositories based on the documentation.
- Achieved an F1 score of 92% in training and 76% in testing, surpassing the prior state-of-the-art score by 2x, marking a significant milestone in model performance.
- Integrated the classification into SOMEF, a software metadata extraction framework, optimizing its classification process.

Contact : Daniel Garijo - daniel.garijo@upm.es

Machine Learning Intern
Ericsson

07/2019 - 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.
- Built a dataset of over 2,000 bug instances, which enhanced model accuracy by 1.5x and reduced by 0.5x the developer time for bug resolution.

Contact : Porkoláb Zoltán - gsd@inf.elte.hu

SKILLS

Python · MLOps · SQL · Docker · NLP · GCP · GenerativeAI · Tensorflow · Git · dbt · Excel

EDUCATION

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

10/2023 - Present   *Remote*

- Research software slassification, 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
Full Professional Proficiency

Hungarian
Native or Bilingual Proficiency

Romanian
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, 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