

EVGENII ZORIN

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PROFESSIONAL DESCRIPTION

I am a Data Scientist with two years of experience. The principal theme of my work is making sense of data, answering the following questions: What insights does this data provide? How do we convey these insights with compelling visualisations so that anyone would get it? I have worked in diverse areas within Data Science, including creating Computer Vision models, building predictive models with Machine Learning, creating production-ready Dashboards, and coding simulations and programs in Python.

The key professional competencies that I possess are working effectively in a team, efficiently communicating with different departments, and respecting the achievements and time of my coworkers.

EDUCATION

MSc Biotechnology, Skolkovo Institute of Science and Technology Sep 2020 - Jun 2022

- Key skills developed: Statistical Programming in Python and R, Advanced Statistical Analysis and Testing, Advanced Data Visualisation, Cloud Computing with Big Data

BSc (Hons) Nutrition, Robert Gordon University Sep 2015 - Jun 2019

- Key skills developed: Fundamental Methods in Statistical Analysis, Research Design, Systematic Analysis and Extraction of Data

EXPERIENCE

Data Scientist September 2023 - present
Semantic Hub *Lausanne, Vaud, Switzerland (Remote)*

- Build production-level dashboards with Python (Plotly Dash, Streamlit)
- Creating interactive reports and complex visualisations using a variety of tools: Python (Matplotlib, Seaborn, Plotly), standard programs (Excel, Google Sheets)
- Writing and maintaining Python modules
- Processing and analysing real-world data obtained from graph databases
- Assisting with the ML model maintenance and improvement.

Data Scientist April 2023 - September 2023
Termomagneticos y Control de Radiaciones *Puebla, Mexico*

- Developed and maintained Computer Vision (CV) models trained on custom datasets for object detection and segmentation, using algorithms such as YOLOv5 and UNet
- In collaboration with teams of web developers and data scientists, deployed Machine Learning models on the company's servers for production, setting up monitoring systems to continuously assess models' performance
- Assisted with a variety of tasks in Statistical Analysis, Testing, and Machine Learning
- Skills: Python (Programming Language) · Machine Learning · Statistics · Docker · MongoDB · NumPy · PyTorch · TensorFlow · Data Science · Deep Learning · Computer Vision

Data Analyst August 2022 - Present
CEOS Creativos (<https://ceos.org.mx/>) *Toluca, Mexico*

- Created custom Data Visualisations as per the clients' demands
- Consulted the team on the Statistical aspects of the data
- Performed Data Collection and Organization

SKILLS

Programming languages

- Python, R, Bash (Linux)
- Database querying languages: SQL (PostgreSQL, MySQL, SQLite), NoSQL (MongoDB, ArangoDB / AQL)

Statistics and Machine Learning

- Statistical tests (t-test, Mann-Whitney U test, etc.), sampling probability
- Supervised Machine Learning: Regression (linear, logistic) and Classification (binary, multiclass, multilabel). Algorithms: naive Bayes, KNN, Decision Trees, Ensemble Learning
- Unsupervised Machine Learning: Dimensionality Reduction (PCA), Clustering (K-Means)
- Good working knowledge of Neural Networks, Computer Vision, and NLP
- Tools: R, GraphPad, SPSS, Python (Pandas, Numpy, Scipy, Scikit-Learn, TensorFlow, PyTorch, OpenCV)

Data Visualisation and Dashboards

- Creating interactive dashboards and a diverse variety of visualisations
- Tools: Excel, Google Sheets, GraphPad, Python (Matplotlib, Seaborn, Plotly), R (ggplot2), PowerBI

General Data Science

- Mathematical modeling
- Creation of ML and data pipelines