

Resume

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Basics

Name Milena Šošić

Label Mathematician & computer scientist

Email 

Url 

Summary Machine Learning expert with eighteen years of experience in data mining, text mining, business intelligence and general software algorithms development and implementation. Worked on high-visibility projects in the commercial, banking and telecommunications areas. PhD candidate in computer science, NLP specialization.

Work

2021.01 - PRESENT

Senior Data Scientist

 **GridDynamics**

Design and implement new solutions with focus on predictive analytics. Run projects in NLP domain using newest machine learning technologies.

- Data Modeling · Analytics · Artificial Neural Networks · PyTorch · Keras · TensorFlow

2020.02 - 2022.01

Advisory Board Member

 **Serbian AI Society**

Serbian AI Society is being launched in Serbia by the most prominent people in artificial intelligence, with one goal - networking and strengthening the domestic AI scene. The aim of this organization is to bring together all stakeholders dealing with this subject which will contribute to the presence and growth of artificial intelligence in Serbia.

- AI · Growth · Networking · Strength · Serbia

2019.02 - 2021.01

AI Software Developer

 **Devtech**

Lead AI team, mentor and drive AI efforts. Develop PoC solutions for the projects by adding AI components.

- AI · Data · Mentoring · PoC · Project Management

2016.01 - 2019.02

Machine Learning Team Lead

 **Selerant**

Manage state-of-the-art machine learning tasks for text segmentation and classification. Shape product features according to the business requirements.

- Text classification · Semantic search · PoC · Project Management

2013.12 - 2015.12

Data Miner

 **Telenor**

Develop different up-sell, cross-sell and churn models. Support risk models development. Accountable for segmentation, customer lifetime value calculation.

- Customer classification · Credit risk · NPS scoring

Education

2020.10 - PRESENT

PhD Candidate

 **Mathematics Faculty, University of Belgrade, Serbia**

Computer Science, NLP

- Text classification · Multilingual (English, Serbian) · Conversation · (Deep) Machine Learning

2004.10 - 2010.12

Magister

 **Mathematics Faculty, University of Belgrade, Serbia**

Computer Science

- Bioinformatics

1997.10 - 2004.04

Diploma

 **Mathematics Faculty, University of Belgrade, Serbia**

Computer Science

- Programming Languages (Pascal, C, C++, Java, Prolog, Lisp), Algorithms Architecture, Computer System Architecture, Mathematical Logic in Computer Science, Automata Theory, Databases, Microprocessors, Microcomputers, Assembly Language, Compilers and Interpreters, Programmable Systems Architecture
- Algebra (I and II), Analytical, Constructive and Euclidian Geometry, Calculus (I and II), Real and Complex Functions, Numerical Methods(I and II), Probability and Statistics

Certificates

[DSC Europe 21 Certificate of Attendance](#)

 Data Science Conference

[Understanding and Visualizing Data with Python](#)

 Coursera

[Learn Python Programming Masterclass](#)

 Udemy

[Machine Learning](#)

 Coursera

[Deep Learning Specialization](#)

 Coursera

[Natural Language Processing Specialization](#)

 Coursera

Skills

Programming languages

Python, C#, C++, C, Java, JavaScript, SQL

Databases

MS SQL Server, Oracle, DB2

Machine learning tools

Scikit-learn, TensorFlow, PyTorch, SPSS, STATISTICA, Weka, IBM Intelligent Miner, scipy, numpy, pandas, Jupyter, matplotlib/seaborn

NLP tools & model architectures

BERT, GPT-3/4, gensim, fastText, word2vec, nltk, spacy, CoreNLP, HuggingFace Transformers, Simple Transformers

Languages

Serbian

Native speaker

English

Fluent

Interests

🔗 Natural Language Processing (NLP)

Computational linguistics, Semantic text analysis, Named Entity Recognition (NER), PoS tagging, Topics modeling, Language modeling, Knowledge construction from richly formatted textual data, Summarization

🔗 Serbian Language Resources

Member of the [JeRTeh](#) group dedicated to the development of resources and technologies for the Serbian language.

🔗 Hobbies

Hiking, reading, playing flute