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Date of Birth
January 04, 2001

PROFILE

I am self-taught deep learning enthusiast. Very passionate and determined about reading about ML techniques, learning them, staying up to date with current AI advancements and successfully implementing them. I'm hoping to expand my knowledge and bring fresh perspective to the team I'll be working with!

SKILLS

- ✓ Deep learning | Machine learning | Data science
- ✓ Problem solving | Coding
- ✓ Communication

TOOLS AND FRAMEWORKS

LANGUAGES

HOBBY


LeetCode


Learning new technologies


Open-source projects

Jovana Gentić

Linkedin
linkedin.com/in/jovana-gentić

Github
http://github.com/Jovana-Gentic

EDUCATION

September 2019 - June 2023
University of Criminal Investigation and Police Studies
Information Technology (IT)

PROJECTS

Variational Autoencoder (VAE)
"VAE_celeba" is a **multi-GPU** implementation of a VAE in **TensorFlow**, **JAX**, and **PyTorch**. This model learns latent representations of the data which are widely used in **generative AI**.

Language model
"Text generation: Food reviews" is a next word prediction model. I used **LSTMs**, **CNNs** and **Transformers** to learn to **generate** new reviews based on start of sentence. This work is written in **Tensorflow**.

Multiclass classification on audio
"Bird song classification" is a **TensorFlow**-based **audio classification** model designed to classify bird songs into five distinct classes. Using **1D Convolutional Neural Networks** (CNNs), the model learns from a dataset containing 5422 bird songs. **Spectrograms** are used as input features to capture the frequency information from the audio signals.

Binary classification on images
"Policemen vs Civilians" is **binary image classification** model written in **TensorFlow**, aimed at distinguishing between Serbian policemen and civilians. Using Convolutional Neural Networks (CNNs), the model is trained on a limited set of label data (**<400 samples**). We used **data augmentation** techniques to enhance the dataset's diversity. This project showcases an application of **deep learning** and **computer vision** techniques.

EXPERIENCE

September 2022 - October 2022
Statistical Office of the Republic of Serbia
Enumerator
Interviewed and conducted data entry for 500+ people as part of Population Census. During this job, I learned to **communicate** better, to **adapt** to unexpected situations and learn to be **persuasive**, which enabled me to enter the data of my entire targeted population.