



Ivan Židov

Date of birth: 08/02/1996 | **Nationality:** Croatian | **Gender:** Male |
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WORK EXPERIENCE

01/06/2019 – CURRENT – Zagreb, Croatia
LEAD DATA SCIENTIST – TALENTLYFT

Full time and full remote

Responsible for:

- leading AI team of 4 people
- collecting, cleaning and preprocess data
- EDA, statistical testing, data visualization, clustering
- various task in NLP (classification, regression, clustering, text generation)
- deploying models (Azure, AWS, Docker, FastAPI)
- writing technical blogs
- presentations on conferences

Zagreb, Croatia

15/01/2022 – CURRENT
FREELANCE NATURAL LANGUAGE PROCESSING ENGINEER – UPWORK

Worked for multiple clients as lead Natural Language Processing engineer.

Main projects:

- Created streamlit web app that used GPT-3 model
- Created article recommendation engine

EDUCATION AND TRAINING

01/09/2014 – 01/10/2018 – Osijek, Croatia
BACHELOR OF MATHEMATICS – Mathematics Department

univ. bacc. math.

Thesis:

Mathematics in neural network

21/09/2018 – 01/10/2020 – Osijek, Croatia
MASTER OF MATHEMATICS AND COMPUTER SCIENCE – Mathematics Department

mag.math.

Thesis:

Application of Graphs for Neural Networks Regularization

DRIVING LICENCE

Driving Licence: AM

Driving Licence: B

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Communication and interpersonal skills

Languages:

Croatian: mother tongue

English: advanced user

German: basic user

● **JOB-RELATED SKILLS**

Job-related skills

Deep Learning, a 5-course specialization by deeplearning.ai on Coursera

<https://www.coursera.org/account/accomplishments/specialization/PVBV7TTV3LRD>

Blog:

[TUTORIAL]: Deploy ML model as REST API on Azure and protect it with SSL

<https://towardsdatascience.com/tutorial-deploy-ml-model-as-rest-api-on-azure-and-protect-it-with-ssl-7ed6c7659f80>

Projects:

◦ **Visually similar images on CIFAR-10 dataset**

Problem:

On given picture, find similar images.

Solution:

Train classifier and calculate distances between features of given picture and all images and pick the best ones.

<https://github.com/IvanZidov/Visually-similar-images-on-CIFAR-10-dataset/blob/master/README.md>

◦ **Genus - Sorting machines**

Created sorting machines for detecting and removing spoiled beans.

It is based on Raspberry Pi and Convolutional Neural Networks

- 2 Golden Awards on International Innovation Fair AGRO ARCA

- Golden Award on Innovation Fair Inventum

◦ **Clustering farmers crop in Croatia**

Created an application in R that clusters crops in Croatia based on location and the amount of crops (weighted clustering)

<https://izidov.shinyapps.io/opg-ovi/>