David Kljajo

Nationality: Croatian, Bosnian-Herzegovinian   **Date of birth:** 20/06/1981   **Gender:** Male

Phone number: (+387) 063841397   **Email address:** davidkljajo@gmail.com

Home: Vojno bb, 88000 Mostar (Bosnia and Herzegovina)

WORK EXPERIENCE

Mičel – Mostar, Bosnia and Herzegovina

City: Mostar | **Country:** Bosnia and Herzegovina

Deputy Manager

[15/06/2006 – 20/05/2017]

Manager and deputy director of the family company "Mičel" for the production of PVC doors and windows (from 2006 to 2017):
- managerial tasks,
- economic tasks,
- system administration,
- work in Microsoft Office,
- various administrative tasks.

Nsoft – Mostar, Bosnia and Herzegovina

City: Mostar | **Country:** Bosnia and Herzegovina | **Business or sector:** Information and communication

System Admin Bootcamp

[10/04/2022 – 20/05/2022]

- Linux processes, user management, software management;
- Linux editors and redirection;
- Linux networking;
- Linux containers;
- TLS & SSH;
- Linux boot process & systemd;
- Managing file system;
- Linux logging;
- Linux services clustering;
- Basics of orchestration;
- Docker images;
- Relational databases and SQL;
- Installation and configuration of Redis, RabbitMQ, Percona Cluster;
- Kubernetes;
- Linux Security.

EDUCATION AND TRAINING

Bachelor of Information Technologies

Faculty of Information Technologies [15/10/2006 – 10/02/2017]

Address: Maršala Tita bb, 88000 Mostar (Bosnia and Herzegovina) | **Website:** www.fit.ba | **Field(s) of study:** Information and Communication Technologies: ● Software and applications development and analysis | **Final grade:** 8 | **Thesis:** "Web portal for renting apartments" made in ASP.NET technology and MS SQL

Attending a workshop "Basics of security and protection of Information systems"

Cultural Center "King Fahd" [04/2012 – 06/2012]

Address: Kresina 2, Bunur, 88000 Mostar (Bosnia and Herzegovina), | **Website:** https://www.kckfmostar.com

Attending a workshop "Project Management"

Spark [28/04/2020 – 21/05/2020]

City: Mostar | **Website:** www.spark.ba

Attending a CCNA Academy

Faculty of Information Technologies [02/2006 – 04/2008]

Address: Maršala Tita bb, 88000 Mostar | **Website:** www.fit.ba

Course: "AI for everyone"

Coursera / Stanford University [03/08/2019]

Website: www.coursera.org

- Workflow of Machine Learning projects
- AI terminology
- AI strategy
- Workflow of Data Science projects

Specialization: "Python for Everybody"

Coursera / Michigan [25/03/2019]

Website: www.coursera.org

- Getting started with Python;
- Python Data Structures;
- Using Python to Access Web Data;
- Using Databases with Python;
- CAPSTONE: Retrieving, Processing, and Visualizing Data with Python.

Specialization: "Deep Learning"

Coursera / deeplearning.ai [15/06/2018]

Website: www.coursera.org

- Neural Networks and Deep Learning;
- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization;
- Structuring Machine Learning Projects;
- Convolutional Neural Networks;
- Sequence Models.

Specialization: "Applied Data Science with Python"

Coursera / Michigan [28/12/2019]

Website: www.coursera.org

- Introduction to Data Science in Python;
- Applied Plotting, Charting & Data Representation in Python;
- Applied Machine Learning in Python;
- Applied Text Mining in Python;
- Applied Social Network Analysis in Python.

Specialization: "TensorFlow in Practice"

Coursera / deeplearning.ai [15/10/2019]

Website: www.coursera.org

- Introduction in TensorFlow for Artifical Intelligence, Machine Learning, and Deep Learning;
- Convolutional Neural Networks in TensorFlow;
- Natural Language Processing in TensorFlow;
- Sequences, Time Series and Prediction.

Specialization: "TensorFlow: Advanced Techniques"

Coursera / deeplearning.ai [22/01/2022]

Website: www.coursera.org

- Custom Models, Layers, and Loss Function with TensorFlow;
- Custom and Distributed Training with TensorFlow;
- Advanced Computer Vision with TensorFlow;
- Generative Deep Learning with TensorFlow.

Specialization: "IBM Data Science"

Coursera / IBM [15/10/2020]

Website: www.coursera.org

1. What is Data Science?
2. Tools for Data Science
3. Data Science Methodology
4. Python for Data Science and AI
5. Databases and SQL for Data Science
6. Data Analysis with Python
7. Data Visualization with Python
8. Machine Learning with Python
9. Applied Data Science Capstone

Specialization: "Practical Data Science "

Coursera / AWS [19/11/2021]

Website: www.coursera.org

1. Analyze Datasets and Train ML Models using AutoML;
2. Build, Train, and Deploy ML Pipelines using BERT;
3. Optimize ML Models and Deploy Human-in-the-Loop Pipelines

Specialization: "Machine Learning Engineering for Production (MLOps)"

Coursera / deeplearning.ai [06/10/2021]

Website: www.coursera.org

1. Introduction to Machine Learning in Production;
2. Machine Learning Data Lifecycle in Production;
3. Machine Learning Modeling Pipelines in Production;
4. Deploying Machine Learning Models in Production.

Course: "DevOps Essentials

Udemy [03/07/2022]

Website: www.udemy.com

- Intro : What is it?
- Need: Why is invented?
- Culture: How to use it?
- CI/CD - Continuous Integration/Continuous Deployment
- IAC - Infrastructure As Code
- Configuration Management
- Orchestration
- Monitoring
- Microservices
- DevOps Tools (Tools for Configuration Management, Tools for virtualization and Containerization, Tools for Monitoring)
- DevOps and the Cloud (IAAS, PAAS, GCP, Azure, AWS)

LANGUAGE SKILLS

Mother tongue(s): Croatian

Other language(s):

English	**German**
LISTENING C2 **READING** C2 **WRITING** C2	**LISTENING** B1 **READING** A2 **WRITING** B1
SPOKEN PRODUCTION C2 **SPOKEN INTERACTION** C2	**SPOKEN PRODUCTION** A2 **SPOKEN INTERACTION** B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Kubernetes / Apache Kafka / Data Science / Python / Linux / Java / PostgreSQL / JavaScript / SQL / CSS / HTML / Windows / C++ / MySQL / GitHub / Deep Learning / Analytical Skills / Machine Learning / Project Management / Scrum / Programming / Data Analysis / Network Security / MLOps / TensorFlow / C# / ASP.NET MVC / MongoDB / Microsoft Office / Keras / Github / Pandas / UML / AWS / GCP / Jupyter / NLP / CISCO CCNA R&S / Object-Oriented Programming / Git / Docker / Numpy / Scikit-Learn / Matplotlib / Neural Networks and Deep Learning

PROJECTS

LFCCro Forum Scraper
WThis Python tool uses **Selenium**, **Requests**, and **BeautifulSoup** to automatically log in and scrape posts from the [LFCCro](#) forum. Extracted posts are saved into a CSV file for further analysis, searching, or visualization.
▦ Features
  • ▦ Login via Selenium (requires credentials)
  • ▦ Automatically collects all **boards**, **topics**, and **posts**
  • ▦ Exports posts to CSV format (posts.csv)
  • ▦ Includes polite scraping delays (time.sleep) for discreet and ethical usage
rite here the description...

Link: https://github.com/dkljajo/forum-scrapper

My-First-Full-Dockerized-Kubernetes-Deployed-Web-App-
W▦ SPA Deployment with Docker & Kubernetes
This project demonstrates how to containerize and deploy a Single Page Application (SPA) using **Docker**, **Kind (Kubernetes in Docker)**, and **kubectl** — all running on a local environment.
rite here the description...

Link: https://github.com/dkljajo/My-First-Full-Dockerized-Kubernetes-Deployed-Web-App-

Volcano & Population Map with Folium
This Python application creates an **interactive map** using the [Folium](#) library. It visualizes volcano locations with color-coded elevation markers and overlays global population data from a GeoJSON layer.

Link: https://github.com/dkljajo/web-mapping-app

diplomski eApartmani
W**(ASP.NET, MS SQL, HTML, CSS, Javascript)**
Web application for renting apartments should be fast and efficient application that is simple and convenient to use. Although there is already a lot of similar web portals for renting apartments, but this project should be sorted out by the quality, simplicity, many of the new advanced functionalities, such as messaging, evaluation of apartments, comments, online booking, and searching by several parameters. The main goal is to create a web application that will be competitive in the market, in accordance with the latest trends and attract customers using advanced functionalities.
rite here the description...

Link: https://github.com/dkljajo/diplomski---eApartmani

Marvel Comics
Marvel Comics Heros app (Javascript, HTML, CSS)

Link: https://github.com/dkljajo/Comics

Rent a kayak
Beautiful static web page made in Javascript, HTML and CSS

Link: https://rentakayakmostar.com/