EROL MRZIĆ

Contact

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EXPERIENCE

Techincal Consultant for the Oracle/CISCO/Micro Focus Business Unit

Seven Eights, Software Licence Compliance company

📅 September 2019 – present   📍 Madrid, Spain

- Data collection, structure modeling, cleaning and analysis for software licensing audits
- Analysis and design of process automation using VBA (Visual Basic for Applications) for Excel, Powershell and Python

Volunteer - Software engineer

University of Sarajevo- UTIC (University Tele-Informatics Center)

📅 July 2019 – Septeber 2019   📍 Sarajevo, B&H

- Building a new Information System for University of Sarajevo
- Setting up JasperReports server - open source reporting engine
- Community Server setup, configuration and token encryption in Spring Java
- Generating reports and integrating with web app interface in React JS
- Establishing conection with local database using MySQL

Internship - Software engineer

Jamax d.o.o.

📅 April 2019 – June 2019   📍 Sarajevo, B&H

- Building and testing web app using React JS and Redux
- Setting up a RabbitMQ (Advanced Message Queuing Protocol) in Docker

Head of IT, Marketing Coordinator

IAESTE (The International Association for the Exchange of Students for Technical experience)

📅 February 2018 – Ongoing   📍 Sarajevo, B&H

- Design and development of the official website for the Central European Convention 2019
  Website: http://cec.iaeste.ba/
- Design and development of the official website for the association
- Developed a city guide for foreign exchange students

Demonstrator

Sarajevo School of Economics

📅 October 2017 – Ongoing   📍 Sarajevo, B&H

- Demonstrator for the course "Basics of programming and database management" (helping students get the basic understanding of C++ programming language)

PERSONAL STATEMENT

"Flexible, highly adaptable and creative person, goal-oriented, working well both individually and as a part of a team. Looking for an opportunity to gain deeper knowledge and acquire new skills from interesting projects and further studies."

CONFERENCES & WORKSHOPS

📄 Oral presentation-pending publication

3rd World Conference on Technology, Innovation and Entrepreneurship

📅 June 2019   📍 Istanbul, Turkey

***Data science for personal use – practical examples**, Erol Mrzic, Tarik Zaimovic*
https://github.com/erol713/Conference-paper

👥 Machine Learning Summer School

tapklik.

📅 June 2018 - September 2018

Implementing basics of Data Science in small, real life projects and further developing general grasp of Machine Learning.

👥 Web Development Workshop

AtlantBH

📅 12 - 14 May 2018

Successful implementation of search filters and location coordinates using Java, and PostgreSQL for local business.

👥 Soft Skills Academy

Soft Skills Academy Sarajevo 2018

📅 9 - 11 March 2018

Workshop on development and mastering of people skills, social skills, communication skills, character traits, attitudes, career attributes, social intelligence and emotional intelligence.

PROJECTS

Chatbot ELLA
Chatbot, named ELLA, that can talk on the topic of War of the Roses, a civil war in England durring the 15th century

- Implementation of Natural Language Processing, Stemming - Lemmatization, Bag of Words, TF-IDF and Cosine similarity
- Code available at: https://github.com/erol713/ Machine-Learning-Pojects/tree/master/Chatbot%20Ella

FindApartments
Analysis and prediction of apartment prices and trends in Sarajevo real estate market based on web colected data

- Implementation of Random Forrest model with Web scraping, Seaborn and Folium visualization
- Code available at: https://github.com/erol713/FindApartments

Bundle of Data Science/Machine Learning projects

- Future Stock Prices Prediction Project
- Movies Recommender System
- Spam messages Project
- Twiter data sentiment analysis
- Code available at: https://github.com/erol713/Machine-Learning-Pojects

DiaHealth
WebApp that helps you monitor and track your sugar glucose levels

- Created using Bootstrap, PHP, jQuery, MySQL
- Implementation of FlightPHP framework for REST API and AJAX requests
- App available at: https://diabetishealth.000webhostapp.com/
- Code available at: https://github.com/erol713/glucose-health

Productivity tool
Small focus program that keeps you off the selected web sites in the working hours

- Created using Python
- Code available at: https://github.com/erol713/productivity-tool

Code IDE
Small personal code environment

- Helps you see immediate HTML, CSS, JavaScript changes on the output
- Created using jQuery
- App available at: https://erol713.github.io/code-IDE/
- Code available at: https://github.com/erol713/code-IDE

EDUCATION

B.Sc. Information System Development
School of Economics and Business

📅 July 2019   📍 Sarajevo, B&H

Thesis title: "Data Science and Machine Learning in Economy - Machine Learning application on real estate market in Sarajevo"

SKILLS

Python (NumPy, Pandas, scikit-learn)

React JS, JavaScript   C++   Java

PHP   HTML/CSS   MySQL

Object Oriented Programming

Probability & Statistics   E-commerce

Marketing

INTERESTS

Data science   Software development

Analytics   Visualization

Business intelligence

LANGUAGES

English
Italian
German
Spanish

ADDITIONAL INFO

⚽ Sports

📅 2012 - 2016

Actively engaged in professional sports. Lived in several countries across Europe, got familiar with different cultures, and gained lifelong experience and knowledge. Was always in charge of music in the locker room, with moderate success.

🧍 Hobbies

📅 Spare time

Versatile in pop culture trivia. Active member of "How to Judge a Person Through Their Movie Collection" and "How to Judge a Person Through What Books They Have Read". Fan of comic books and anime. Occasionally drawing.