IMER MUHOVIC

I have analysed networks of fake news creaters, built genome assembly pipelines that run on AWS, and taught journalists how to work with data. Occasional lecturer and workshop speaker.

Currently searching for a position that allows me to build tools, analyse data, and help make sense of messy datasets.

💼 EMPLOYMENT HISTORY

::: I have worked in industry and research, as outsorced QA for IT companies, and bioinformatics engineer for a small local startup. :::

Bioinformatics Engineer / Early Stage Researcher

2020
|
2018

Barcelona, Spain 📍 ICM-CSIC

· Creating easy to understand applications for microbial ecology. Worked on analysing temporal and geographic abundance of microbial species in the global ocean. Continuation of SINGEK-ITN project

Bioinformatics Engineer

2018
|
2017

Barcelona, Spain 📍 aScidea

· SINGEK-ITN initial host institution. SaaS development for Singe Cell Genomics. Created data analysis pipelines for genome assembly running on AWS.

Lead QA Analyst

2016
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2014

Sarajevo, Bosnia and Herzegovina 📍 Authority Partners

· Managed team of 3-5 engineers working on testing large service oriented software platform. Automated testing in C# via Selenium and later Xamarin UITest.

🎓 EDUCATION

MSc, Genetics and Bioengineering

2015
|
2013

Sarajevo, Bosnia and Herzegovina 📍 International Burch University

· Worked on predicting G-Quadruplex folding of DNA strands, created website in Python that exposes predictive neural network to end user

BSc, Genetics and Bioengineering

2013
|
2010

Sarajevo, Bosnia and Herzegovina 📍 International Burch University

· Thesis: Creating a heavy metal accumulating gene database

⬇ Download a PDF of this CV

CONTACT

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in linkedin.com/in/imerm

LANGUAGE SKILLS

R
Javascript (d3.js)
Python
PHP
SQL
C#

💻 FREELANCE WORK

When not at my dayjob I use my skills to educate journalists on how to work with data, while avoiding coding, analyse my countries political system and give talks about this topic, as well as the faults of various visualizations. :::

2020
|
2019

Data Analyst

Sarajevo, Bosnia and Herzegovina 📍 Internews

· Created series of educational videos aimed at teaching journalists in the Western Balkans how to analyse data.
· All in BCS with Macedonian and Albanian subtitles. Held webinar on scraping APIs from electoral commisions, talked at several conferences/workshops on analysing and visualizing electoral data.

2018

Data Analyst

Sarajevo, Bosnia and Herzegovina 📍 Raskrinkavanje.ba

· Fake News networks analysis. Analysed database of articles listing fake news items, via MBA created networks of clusters of websites that work to "boost" targeted political fake news.

📈 SELECTED DATA SCIENCE WRITING

::: I occasionally write about data science on my personal blog :::

2018

Electoral analysis of Bosnian political system

Personal Blog

· First ever analysis looking at the "swing" potential of individual municipalities in Bosnia and Herzegovina.
· Resulted in several conference invites to speak about my work, POINT 8.0, Little school of data and mentoring at the BMAP lab in Skopje.

📰 SELECTED PRESS (ABOUT)

2018

Profile on me in the largest news site in my country

Klix.ba

· Short profile about me and my work at the time, focusing on analysing past elections and visualizing current ones.