IMER MUHOVIC

I have built genome assembly pipelines that run on AWS, created web applications for use in microbial ecology, and worked as a bioinformatics engineer for the past three years. Currently working as a QA Program Architect, involved with testing several large enterprise projects.

💼 EMPLOYMENT HISTORY

::: Experience in industry and research, as QA and bioinformatics engineer in a variety of tasks, from creating pipelines to creating web applications. :::

2022
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2020

Program Architect

Sarajevo, Bosnia and Herzegovina 📍 Authority Partners

- Managing software testing teams involved in API, UI and mobile testing of large scale service oriented applications. Very .Net and Azure focused working environment.

2020
|
2018

Bioinformatics Engineer / Early Stage Researcher

Barcelona, Spain 📍 ICM-CSIC

- Worked on analysing temporal and geographic abundance of microbial species in the global ocean. Continuation of SINGEK-ITN project

2018
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2017

Bioinformatics Engineer

Barcelona, Spain 📍 aScidea

- SaaS development for Single Cell Genomics. Data analysis pipelines for genome assembly running on AWS, and several smaller applications for dealing with client oriented services in Laravel/VueJS

2016
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2014

Lead QA Analyst

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

2015
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2013

MSc, Genetics and Bioengineering

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

📥 Download a PDF of this CV

CONTACT
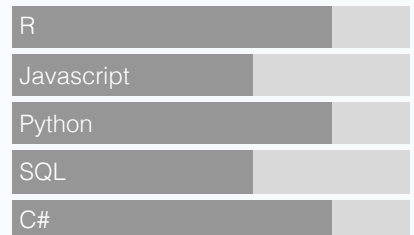
- imermuhovic@protonmail.com
- 📞 +387 62 269 612
- github.com/imerm
- 🔗 imuhovic.com
- linkedin.com/in/imerm

LANGUAGE SKILLS

R
Javascript
Python
SQL
C#

🖥 FREELANCE WORK

Occasional data analysis tutor and contributor to projects of various news related NGOs :::

2021
|
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.
- Provided educational workshops for Internews partners, such as KOHA, Oslobodjenje, MINA NEWS, and provided support for data analytics during every 2020 and 2021 election held in the Western Balkans, including data collection, analysis and visualization.

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.