





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 testing software on my dayjob, and teaching journalists as a freelance consultant.

EMPLOYMENT HISTORY

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

- 2021**
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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.
- 2020**
|
2018
Bioinformatics Engineer / Early Stage Researcher
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](#)
- 2018**
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2017
Bioinformatics Engineer
Barcelona, Spain  aScidea
 - SINGEK-ITN initial host institution. SaaS development for Single Cell Genomics. Created data analysis pipelines for genome assembly running on AWS, and several smaller applications for dealing with client oriented services in Laravel/VueJS
- 2016**
|
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

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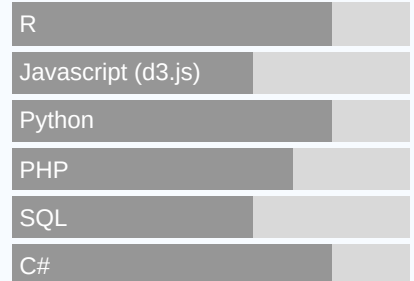
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 github.com/imerm

 imuhovic.com

 [linkedin.com/in/imerm](https://www.linkedin.com/in/imerm)

LANGUAGE SKILLS



Made with the R package
[pagedown](#).

The source code is available at
github.com/imerm/cv.

Last updated on 2021-04-12.

2013
|
2010



BSc, Genetics and Bioengineering

Sarajevo, Bosnia and Herzegovina



International Burch University

- Thesis: Creating a heavy metal accumulating gene database



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. :::

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 commissions, talked at several conferences/workshops on analysing and visualizing electoral data.
- Provided educational workshops for Internews partners, such as KOHA, Oslobođenje, 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.