ESMA DZAKMIC

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🎓 EDUCATION

2015-2019	B.Sc Biomedical Engineering, Erciyes University Faculty of Engineering (Kayseri-Turkey)

☰ SKILLS

Programming	Python(Sci-Kit Learn, Numpy, Pandas, Scrapy, Selenium, Matplotlib), R, Matlab, HTML/CSS
Data	Web scraping, data wrangling, data visualization, applied machine learning,statistical analysis
DBMS	MySQL,MSSQL
Version Control	Git, Github
Other basic engineering skills	Digital signal processing, image processing, electronic circuit design and simulation

💼 EXPERIENCE

August 2020 – September 2019

Data Science Intern, ROCHE DIAGNOSTICS , Greater Munich Area,Germany
- Uncovered meaningful insights from various data sources,and drove research projects to success by performing data gathering and cleansing, statistical analysis, machine learning and data visualization
- Created reports for data-driven decision-making
- Helped automate antibody selection and concentration optimization for better results in production
- Created R-Shiny web-applications for easier usage of R scripts

September 2018 – July 2018

Intern, OMNIA MEDIC, Zenica, Bosnia and Herzegovina
- Consulted CEO on choosing international partners and technical aspects of their products
- Helped sales team in everyday activities, communicated with partners and clients, billed and invoiced customers for products and services

🖥 PROJECTS

RESPIRATORY SOUNDS CLASSIFICATION

github.com/annaesma/classification-of-lung-sounds
Recognition and classification of healthy and pathological respiratory sounds.

AMMONIUM-POLUTED AIR DETECTOR

github.com/annaesma//smart-medication-dispenser
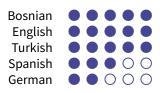Design of an automated medication dispenser to aid in home use by elderly

🔖 OTHER

2018	Online English tutor for public schools in China's rural areas
2016-2017	Volunteer at DAMLA Project of Turkish Ministry of Youth and Sports
2014-2019	Turkish govermental scholarship holder for international students, Bachelor's degree and language school

💬 LANGUAGES

Bosnian	●●●●●
English	●●●●●
Turkish	●●●●●
Spanish	●●●○○
German	●●○○○