

Work Experience

Roche

Senior R Developer

from June 2021

R Developer

November 2020 - May 2021

- Web App development using **PostgreSQL** at the back-end
- REST API development (**Python: Flask**)
- R package development
- Migration of the app environment to **AWS** along with rewriting all **R** codes into **Python**
- Design and development of a pipeline for XML data validation, processing and converting into HTML based on XSLT files (**Python: lxml.etree, lxml.html**)

PSI Polska

Data Analyst

Poznan

May - November 2020

- REST API development with ML model on a back-end (**Python: Flask, scikit-learn; Docker**)
- Customer segmentation in energy market
- Using **Linux** virtual machine and **Docker** images during ML models developing

Analyx

Advanced Data Scientist

Poznan

January 2019 - April 2020

- Web scraping (**Python: Selenium**)
- Marketing mix modelling
- Reporting applications development (**R: Shiny; SQL**)
- Teamwork and project flow optimization
- Client support

Data Scientist

Poznan

May 2018 - December 2018

- Automatizing of multidimensional data processing - development of ETL process feeding a Shiny application with data coming from variety of data sources (*in **R** on **Linux**; using **Bitbucket** for version control, creating **package** for handling functions, implementing **unit testing** and **mail alerting** for handling errors*)
- Maintenance bash scripts

Junior Analyst

Poznan

April 2017 - April 2018

- Analyzing data and creating reports in **Python** and **R**
- Preparing documentation and presentations in English

Education

Adam Mickiewicz University

Financial and actuarial mathematics, Master's degree

Poznan

2014 - 2017

University in Genoa

Financial and actuarial mathematics, Erasmus

Genoa

January 2016 - July 2016

Belarusian State University

Mathematics, Bachelor's degree

Minsk

2009 - 2014

Skills

- **Technical skills:**
 - **advanced:** R
 - **mid:** Python, SQL, Docker, Git, Linux
 - **basics:** C++, bash, AWS
- **Foreign languages:** English (B2), Polish (C2)
- **Familiarity with Atlassian tools:** Jira, Bitbucket, Confluence

Certificates

- iDash (Interactive applications in R with **Shiny**)
- Training technologies center (**MySQL** Database Management course)
- Udemy (**Git** Complete: The definitive, step-by-step guide to Git; **R** Programming Course; **Linux Shell Scripting: A Project-Based Approach**; **Spark** Starter Kit)

Conference attendance

- Demonstrating Shiny application at **WhyR 2018** conference in Wroclaw ("**Marketing analytics the Shiny way**")
- Presenting web scraping principles **WiMLDS Meetup #10 2019** in Poznan ("**Web Scraping for Data Science**")