# BAKWENYE BENJAMIN

## DATA SCIENTIST

Passionate about data-driven solutions, I have a strong background in statistics, machine learning, and natural language processing. Whether independently or in diverse teams, I am capable of delivering meaningful and applicable results.

## CONTACT

🏠 Marques de Campo Sagrado 5, 08015, Barcelona, Spain

📞 +34661076835

✉️ bakwenyebenjamin@yahoo.com
linkedin.com/in/benbaks/
github.com/baksben
baksben.github.io

🏳️ Nigerian, Russian

## EDUCATION

**Barcelona School of Economics, Barcelona**
**Sep 2022 – Jul 2023**

Top 20 global economic institutions

MASTER OF DATA SCIENCE

7.7/10.0 GPA

**People's Friendship University, Moscow**
**Sep 2015 – Jul 2017**

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

5.0/5.0 GPA

## AREAS OF EXPERTISE

- Natural Language Processing
- Deep Learning Applications
- Web scraping
- Machine learninng
- Spatial Data Analysis

## PROJECTS

BARCELONA SCHOOL OF ECONOMICS, BARCELONA

**Automated feature extraction from merger documents: Novel approaches using LLMs**

- Created a pipeline and chatbot for efficient extraction and summary of key features in legal documents, significantly reducing analysis time.

**Sentiment analysis of Russia Ukraine conflict**

- Proved the influence of propaganda during the conflict.
- Tools used: Twarc, NTLK, BERT.

**Patient mortality risk and stay duration**

- Predicted patient's mortality rate with 86% accuracy and patient's length of stay with 90% accuracy.
- Tools used: Sklearn, SVM, K-nn nearest neighbor, Decision tree

## EXPERIENCE

**Data science research assistant**

INSTITUT D'ANALISI ECONOMICA, BARCELONA, SPAIN
SEP 2023 – TILL DATE

- Area of expertise: NLP, video/audio information extraction, forecasting, and web scraping

**Researcher**

PEOPLE'S FRIENDSHIP UNIVERSITY, MOSCOW, RUSSIA
JAN 2020 – APR 2022

- Area of expertise: Additive technology

**Mechanical design engineer**

HELYX TECHNOLOGIES, MOSCOW, RUSSIA
JAN 2019 – DEC 2019

## SKILLS

- R, Python, Stata
- TensorFlow, Keras and Pytorch
- MySQL, Git, AWS - basic knowledge
- Shiny, matplotlib, Power BI, Tableau

- Teamwork
- Adaptability
- Time management
- Communication skills
- Curiosity
- English (Native), Russian (Fluent), French(beginner)