

# WERONIKA ZAK

[GITHUB](#)[LINKEDIN](#)[KAGGLE](#)[PORTFOLIO](#)[EMAIL](#)[PHONE](#)

## < EDUCATION >

### UNIVERSITY OF LOUGHBOROUGH

#### | BSc COMPUTER SCIENCE AND AI

2020 - present | Loughborough, United Kingdom

First year finished with **82.9%** average.

I was a member of student societies such as:

- **Vice Chair** at **Scandinavian Society**: I helped in organising Scandinavia related events, spread the culture and helped foreign and Erasmus students during their time abroad.
- **Treasurer** at **CodeLab**: I was responsible for getting in touch with Hackathon's sponsors, assisting in society labs and helping students in their coding learning.


### RYSZARD KACZOROWSKI TECHNICAL COLLEGE | TECHNICIAN IT

2016 - 2020 | Kielce, Poland


Graduated with a distinction. Education ended with obtaining Polish technical certificates such as:

- **E12**: Installation and operation of personal computers and peripheral devices.
- **E13**: Local computer networks design and network administration.
- **E14**: Web application creation and database administration.

## < MENTIONED AT >

 **GOOGLE SOLUTION CHALLENGE 2021 - TOP 50**

 **JP MORGAN HACKATHON 2021 - 1ST PLACE**

 **HACKLBORO 2021 - 2ND PLACE**

## < SKILLS & TOOLS >

### ACTIVELY USING:

- Python • Tensorflow • Jupyter Notebook • Keras
- Flask • Sklearn

### FAMILIAR WITH:

- R • JavaScript • Linux • MySQL • C# • C/C++
- .NET Core • Angular • Java • Flutter

### INTERESTED IN:

- AWS • Blockchain • Blockchain • Virtual Reality

## < CERTIFICATIONS >

 **TENSORFLOW DEVELOPER**

 **DEEP LEARNING SPECIALIZATION**

 **IBM DATA SCIENCE**

## < WORK EXPERIENCE >

### INTELLIGENT VOICE | DATA SEARCHER

April 2021 - October 2021 | remote, United Kingdom

- I collected data in different languages (e.g. Polish, Norwegian) in order to train voice recognition models.
- I made sure the used data is clean, correct, and updated.

### ITM CODE | .NET DEVELOPER TRAINEE

May 2019 - July 2019 | Kielce, Poland

- I modified existing software to correct coding errors and improve overall performance.
- I participated in meetings and consultations to collect clients' requirements and ensure project quality.
- I designed and co-created the company's representative page using .NET framework tools.

### CINEL | TECHNOLOGY TRAINEE

March 2019 - April 2019 | Lisbon, Portugal

- I participated in micro-welding and programming for tiny devices classes,
- I was introduced to drone programming in Python language and assisted with coding a functionality,
- I engaged in classes on robotics, cybernetics and the automation process of electronic devices,

## < PROJECTS >

### WASTE CLASSIFIER | COMPUTER VISION, NN

I modelled, trained and deployed a multilayered neural network model with 94% accuracy in recognizing and classifying six different types of waste to Android app.

### CARS COMPARISON | DATA SCIENCE

I analysed and visualised personally scraped data from international vehicle selling websites. Notebooks with graphs are available both in R and Python languages.

### TWEETS ANALYSIS | DATA SCIENCE, NLP

I scraped 20 000 posts from social media and analysed linguistic markers in order to build a neural network that predicts depressive tendencies with 98% accuracy.

### BUSINESS ANALYSIS | DATA SCIENCE

Capstone Project from the IBM Data Science course. I grouped the municipalities of Rome and Oslo with their neighborhoods and analysed what kind of business is beneficial there.

### ROCK-PAPER-SCISSOR | COMPUTER VISION

Using Tensorflow Object Detection API, I created and trained NN for detecting and recognizing 5 different gestures and deployed the model to Pygame app.

### IMAGE-TEXT CONVERTER | COMPUTER VISION

Flask web application that extracts text from uploaded image files. The text can be freely modified and saved to three different file extensions (PDF, TXT and DOCX).