

# WERONIKA ZAK

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

## < EDUCATION >

### UNIVERSITY OF LOUGHBOROUGH

#### | BSc COMPUTER SCIENCE AND AI

2020 - present | Loughborough, United Kingdom

First and second years finished with first class honours.

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 >

 ETHGLOBAL BUILDQUEST 2022 - FINALIST

 JP MORGAN HACKATHON 2021 - 1ST PLACE

 GOOGLE SOLUTION CHALLENGE 2021 - TOP 50

## < SKILLS & TOOLS >

### ACTIVELY USING:

- Python • Tensorflow • Jupyter Notebook
- Flask • Sklearn • JavaScript • Node.js

### FAMILIAR WITH:

- Solidity • React • Linux • Keras • C/C++
- .NET Core • Angular • Java • Dart

### INTERESTED IN:

- Smart Contracts • Blockchain • Virtual Reality

## < CERTIFICATIONS >

 TENSORFLOW DEVELOPER

 DEEP LEARNING SPECIALIZATION

 IBM DATA SCIENCE

## < WORK EXPERIENCE >

### JP MORGAN CHASE & CO | DATA SCIENCE INTERN

June 2022 – present | Glasgow, United Kingdom

- I analysed and visualised data from the company's data servers to determine the system's performance.
- I was in charge of cleansing the data and extracting value from the company's infinite logs.
- I was exposed to many graphing, and programming tools, as well as software helping in managing big data.

### 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 | SOFTWARE ENGINEERING INTERN

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.

## < PROJECTS >

### NF3D | WEB3, SMART CONTRACTS

NFT 2D to 3D generator. Allows users to make their own 3D models to be used as game avatars using AI. Chose as top 10 projects in the BuildQuest hackathon.

### BRANDAID | WEB3, SMART CONTRACTS

ETHGlobal Web To Road 3 hackathon project. An app easing brand integration into Web 3.0. platforms and setting a campaign. Won Polygon Pool Prize.

### HOW ARE YOU? | MOBILE

Google Solution Challenge 2021 Project. An app to connect homeless shelters with people in need.

### SOCIAL MEDIA POSTS ANALYSIS | NLP

I scraped 20 000 posts from Twitter 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.

### SCREENSHOT TO TEXT | 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).