

WERONIKA ZAK

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< EDUCATION >

UNIVERSITY OF LOUGHBOROUGH

| BSc Computer Science and AI

2020 - present | Loughborough, UK

Earned **first-class honors** in the first and second years. I was a member of student societies such as:

- **CodeLab:** I managed communication with Hackathon sponsors, assisted with the operation of society labs, and provided support to students learning to code.
- **Scandinavian Society:** I helped with the organization of events related to Scandinavian culture and provided support to foreign and Erasmus students during their time abroad.

< ACHIEVEMENTS >

JP MORGAN HACKATHON - Finalist

I led a team of five to develop a meal prep app for the visually impaired. Winning project.

GOOGLE SOLUTION CHALLENGE - Top 50

I led team of three to create app linking homeless shelters with those in need. Recognized among top 50 projects.

HACKLBORO HACHATHON - Finalist

In a team of five We developed a web app that provides company data and tracks consumption/emissions to achieve environment-conscious goals.

< PROJECTS >

HOW ARE YOU?

With my team I developed an app that connects homeless shelters with people in need. The app aims to facilitate the process of finding and accessing resources for those experiencing homelessness. Google Solution Challenge 2021 Project.

ANALYSIS OF INDEX FUND PERFORMANCE

I conducted analysis and design of the fund options offered on the Vanguard UK brokerage website. To facilitate this, I developed a scraper that automatically retrieves the required Excel files and generates transparent plots for further analysis.

SCREENSHOT ⇒ TEXT

I developed a Python Flask web application that allows for the extraction of text from uploaded image files, with the added functionality of being able to modify the text and save it in PDF, TXT, or DOCX format.

< WORK EXPERIENCE >

JP MORGAN CHASE & CO

| Software Engineering Intern

June 2022 – present | Glasgow, UK

- I designed and deployed log parsers to extract important data from application logs, streamed it to Splunk, and created visualizations for monitoring application performance.
- I developed real-time dashboards in Splunk for monitoring our team's application performance.
- I worked on connecting microservices together, validating their functionality and ensuring seamless operation.
- I refactored and optimized the production codebase for logs using test-driven development and unit tests to improve maintainability.

INTELLIGENT VOICE | Data Searcher

April 2021 – October 2021 | remote, UK

- I collected multilingual data, including Polish and Norwegian, for training voice recognition models.
- I verified the accuracy and cleanliness of the data used for training voice recognition models, ensuring it was up-to-date and properly formatted.
- I worked collaboratively with a team of linguists and translators to gather and verify the data.
- I utilized the data to improve the accuracy and effectiveness of the speech-to-text software.

ITM CODE | Software Engineering Intern

May 2019 - July 2019 | Kielce, Poland

- I improved software performance by debugging, identifying and fixing coding errors.
- I collected and analyzed client requirements in meetings and consultations, ensuring high-quality deliverables and customer satisfaction.
- I co-developed the company's website using .NET framework tools, following best practices to ensure scalability and maintainability.
- I utilized agile methodologies to effectively manage project timelines and meet deadlines.

< SKILLS & TOOLS >

LANGUAGES:

- Python • JavaScript • C/C++ • SQL
- C# • PHP • LaTeX • Rust

FRAMEWORKS:

- Django • Flask • Express • React • Bootstrap
- Jupyter • Tensorflow

OTHER:

- Amazon Cloud • Linux/Bash • IntelliJ • Jenkins
- Git • Agile/Jira