

# Magda Miara

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## Experience

- **Software Developer Intern in Google, July - October 2020**

I created a new preview of the documentation system in an internal IDE. The preview updates its content automatically and scrolls together with the editor. Thanks to the preview the developers feel more productive when editing documentation. During my internship I mostly used **TypeScript**.

- **Software Developer Intern in Google, July - September 2019**

I created an internal tool for debugging Product Groups for Google Shopping. My project included working with a lot of different tree-based data structures and I implemented it in **C++**.

- **Software Developer Intern in Amazon Development Centre Scotland, July - September 2018**

I was working in a team that creates recommendations for all Amazon websites. Some of the recommendations were being made offline and saved to a database. My project was about changing this process to the online one, evaluating predictions for customers when they make the requests. Thanks to this project I gained a little experience in **Java**.

- **Software Developer Intern in Amazon Video, July - September 2017**

I was doing two projects. Both were based on data from Wikipedia and were written using **Python** (with PySpark and scikit-learn). First one was about predicting how many hits from Wikipedia come from a specific country. Second one was classifying Japanese movies based on Wikipedia page content as local (made in Japan) or non-local.

## Education

- **Poznan University of Technology, Master of Science, Computing**, February 2019 - graduating in November 2020

Specialization: Intelligent Information Technologies

Master thesis: Application of Federated Learning Techniques for Building Predictive Clinical Models

- **Poznan University of Technology, Bachelor of Science, Computing**, September 2015 – February 2019

Bachelor thesis: System for Analyzing Sequential Data

## Own projects

- My Calendar app – **Python (Django)**, inspired by Google Calendar
- Polish poem generator – **Python, NLTK**
- Game written in **C** – clone of “Pacman”
- Food delivery simulation – **Java**, desktop application
- Implementation and administration of an online shop:  
<https://atopik.pl>

## Skills

- **Programming languages:** Python, TypeScript, Java, C++, JavaScript, C, SQL
- **Frameworks:** Django, Spark
- **Science:** Statistics, Machine Learning, Big Data, Natural Language Processing.
- **Tools:** Git, Python Data Science libraries
- **Languages:** Polish - native, English – advanced, German – intermediate

## Additional activities

- Data-science competitions: 2nd place in “Ogarnij Big Data” from Żabka, 3rd place in Data Ninja Otodom Challenge 2020
- Member of a machine learning group at my university called GHOST
- Organizer of GHOST Day: Applied Machine Learning Conference 2019
- Co-organizer coding competition Google Hash Code 2018 hub in Poznan
- Participant of Google Inside Look 2017 in London and Inspirational Boot Camp – New Technology for Women 2016
- Presenter of a university-wide talk about getting an internship in the biggest IT companies
- Volunteer at Women in Tech Summit 2018
- Multiple Rector’s scholarships for the best students, 2016-2020

## Hobbies

Volleyball, coding and time-wasters (TV series, books).