

MALGORZATA

Data engineer

PROFILE

Committed Individual with strong work ethics. Always looking for new challenges mostly out of comfort zone. She brings new ideas and perspective from robotics and AI world. Malgorzata is always looking for a better solution. She is excited to solve challenges with data driven applications and machine learning.

NUMBERS

3y

work experience

2+

happy clients

3

coffees / day

6

projects

LANGUAGES

English

●●●●●

Polish

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German

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Dutch

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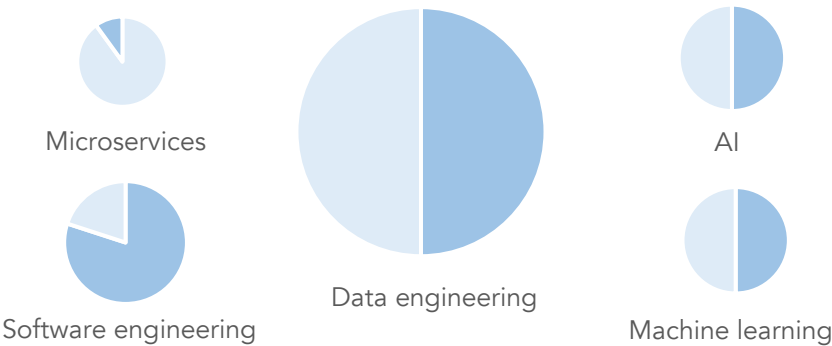
French

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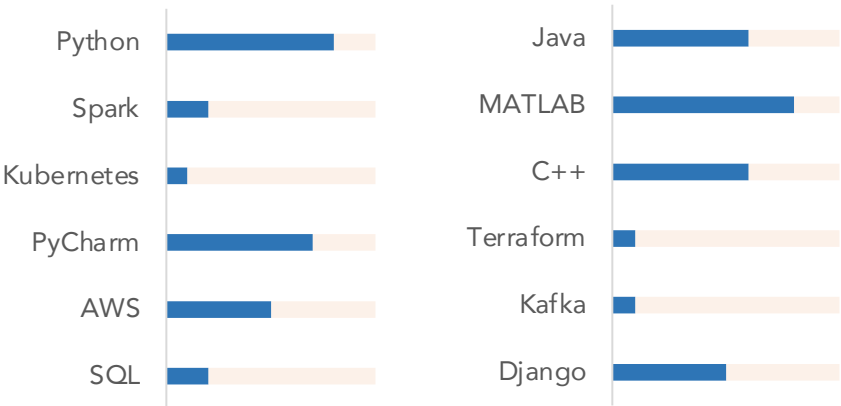
TRAINING

KUKA training
Verisurf software training

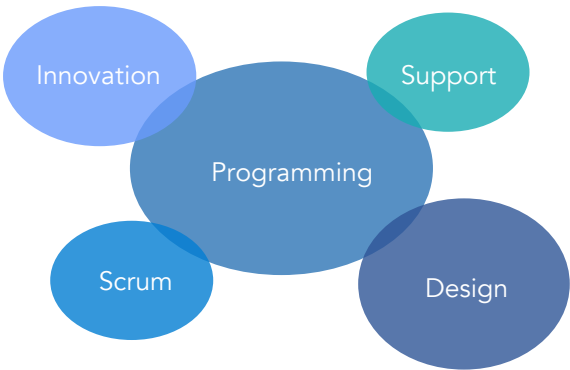
Domain Knowledge



Relevant technology skills



Day at work



Work Experience

2021 - present

Data Engineer

DataPebbles, Leiden

- Creating machine learning module to identify digital and handwritten content
- Using OpenCV to find medical data in documents
- Creating an API to get results from machine learning model

2019 - 2020

Software Developer

MX3D, Amsterdam

- Creating and testing robotic printing modules, tools and software (Rapid, Python, C#)
- Developing print quality prediction module using AI (LSTM)
- Integration MX3D Software with ABB robots, welding machines
- Developing calibration tools and software for printing materials and alloys
- Improving sensitivity and accuracy of calibration
- Extensive RAPID programming, printing and testing
- Robot protocol for communication with socket and RWS
- Testing and improving software for the production team
- Working closely on R&D
- Experience with GitLab, Docker, redis, matplotlib, asyncio, Django, flask, TDD

2017 - 2019

Additive Manufacturing Researcher

Wire +Arc Additive Manufacturing (WAAM) Group, Cranfield, UK

- Developed and released alpha version of software for online data monitoring and data acquisition
- Development of the WAAM Control software for use with industry partners
- Actively developed a proprietary software to determine unique print deposition parameters
- Involved in rapid prototyping of custom jigs, tools and mounts using the 3D Prusa framework.
- Migration of monitoring software development from LabVIEW to Python
- Involved in proposal writing for collaborative research projects with TechnipFMC and US Air Force Research Lab (AFRL)

Education

2016 – 2018

MSc, Electronics

*Wroclaw University
of Science and Technology*

2016 – 2017

*MSc, Computational & Software
Techniques in Engineering*

Cranfield University

2011 – 2016

BSc, Biomedical Engineering

*Wroclaw University
of Science and Technology*