



# Jakub Mioduszewski

**Young and ambitious engineer motivated to gain experience in the world of Data Science.**

## Job Experience

09/2019 - 12/2020

### Instytut Podstaw Budowy Maszyn KNBekkerTeam

- Carrying out the analysis of the required moments of force to perform the relevant tasks
- Select the appropriate actuation mechanism
- Support for the rover's autonomy crew

## Project Experience

- NLP (AI ChatBot) – ChatBot app based on nlp techniques and deployed on localhost using FastAPI
- ML (regression/classification - pandas/scikit-learn) projects focused on improvement in data cleaning, feature engineering and model tuning – main focus: pandas/scikit-learn
- AI\_Snake – Snake game build using PyGame lib. The snake is steered by AI built up on deep reinforcement learning.
- Computer Vision (Football images recognition - pytorch) – working on real-life, imbalanced dataset. In order to achieve better results transfer learning was applied.

## Education

2017-2021

- **Bachelor of Science in Engineering:** Mechatronics of Vehicles and Construction Machinery, spec. Vehicle Mechatronics – Warsaw University of Technology
- **Bachelor thesis:** Implementation of object tracking and avoiding obstacles algorithms in a mobile robot

## Languages

- English – C1
- German – A2

## Certificates

- DaftAcademy Python LevelUP Dev
- DaftAcademy Google Cloud Data & Business Intelligence Analyst

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).