



Politechnika Śląska
Wydział Automatyki, Elektroniki i Informatyki



| Academic year | | | Group | Section |
|---------------------------------|--|-------------|----------------------|----------|
| 2021/2022 | SSI | BIAI | BDİS | 1 |
| Supervisor: | mgr inż. Godlove Kuaban | | Classes: (day, hour) | |
| Section members: emails: | Jakub Polczyk Grzegorz Piotrowski jakupol900@student.polsl.pl grzepio056@student.polsl.pl | | Tuesday | |
| | | | 11:15 – 12:45 | |

Project card

Subject:

Licence Plate Detection

Main assumptions:

Dataset contains images with bounding box annotations of the car license plates within the image. The goal is to create a detection model to localize the car licence plate. Project will be utilizing Convolutional Neural Network.

Following Python libraries are going to be used:

- Numpy
- Pandas
- Seaborn
- SciKit-Learn
- Tensorflow (with Keras)
- OpenCV

Dataset can be found at Kaggle:

<https://www.kaggle.com/datasets/andrewmvd/car-plate-detection?datasetId=686454>