

# Marek Pokropiński

DEEP LEARNING ENGINEER

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## Summary

I'm a programming enthusiast who likes to build and train Artificial Intelligence models. I'm especially interested in deep learning and computer vision.

## Skills

<b>Machine Learning</b>	Tensorflow, PyTorch, TensorRT, scikit-learn
<b>DevOps</b>	Docker, Kubernetes, Jenkins
<b>Back-end</b>	Spring Boot, Django REST Framework, REST API
<b>Front-end</b>	React, HTML5
<b>Programming</b>	Python, C++, JAVA, JavaScript
<b>Languages</b>	English, Polish

## Experience

### Sport Vision Technology

13/12/2021 - currently

AI DEVELOPER

Project for creating virtual copy of a human in 3D environment using video feed from multiple cameras.

- Computer Vision • Digital Twin • Pose estimation •

## Projects

### Farm Animal Tracking

10/2020 - 02/2021

COMPUTER VISION PROJECT

Project prepared for Computer Vision course. Prepared application detects pigs on frames of video and tracks them between frames.

- Python • Tensorflow • Object detection • Transfer learning • Triplet Loss •

### Master Thesis

10/2020 - 06/2021

AIRPORT GATE ASSIGNMENT PROBLEM

Optimization of gate assignment in the airport. Flights are assigned to a set of gates with objective of minimization of delays, distance walked by passengers and number of reassignments.

- Python • Tensorflow • Reinforcement learning •

## Certificates

- 2022 **TensorFlow**, TensorFlow Developer Certificate
- 2022 **Python Institute**, [PCAP-31-03] PCAP – Certified Associate in Python Programming
- 2022 **C++ Institute**, [CPA-21-02] CPA - C++ Certified Associate Programmer

## Education

### Wrocław University of Science and Technology

Wrocław, Poland

B.S. IN COMPUTER SCIENCE AND ENGINEERING WITH SPECIALTY IN MEDICAL COMPUTER SCIENCE

Oct. 2016 - Feb. 2020

### Wrocław University of Science and Technology

Wrocław, Poland

M.S. IN COMPUTER SCIENCE AND ENGINEERING WITH SPECIALTY IN DATA SCIENCE

Feb. 2020 - July 2021

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).