



KRYSTIAN PLACKOWSKI

Hello! I'm a self-learning Data Scientist with C++ background and increasing interest towards Web Development. I'm constantly attending new courses and looking for a place where I can use most of my skills. My programming experience started in 2011 when my main language was C++. In 2016 I learned python, which I greatly expanded in 2019.



<https://github.com/KrystianPlackowski>



<https://www.spoj.com/users/bkrystian>

✉ kpchris20@gmail.com ☎ +48 720 774 899 📍 Warszawa, Polska 📅 18.07.1995

EDUCATION



Feb 2018–Oct 2019 **Warsaw University Of Technology**

Master's Degree of Mechanical Engineering



Oct 2014–Feb 2018 **Warsaw University Of Technology**

Bachelor's Degree of Aerospace Engineering

COURSES TAKEN



Python for Data Science (UCSanDiego)

Introduction to data science with pandas and scikit-learn.



**Mashine Learning Fundamentals
(UCSanDiego)**

Introduction to various classification methods on implementation side.



**Deep Learning Fundamentals with
Keras (IBM)**

Neural Networks for regression, Convolution Neural Networks, Deep Neural Networks (VGG16).

kaggle Geospatial Analysis

Interactive maps, geoencoding, methods of spacial visualisation.



**Computer Vision and Image Analysis
(Microsoft)**

Image manipulation methods and object-detection algorithm.



**Introduction to Artificial Inteligence
(Microsoft)**

Introduction to Microsoft Azure Platform Cognitive Services: Computer Vision API, Face API, Custom Vision.

COURSES PARTLY COMPLETED (FOR TODAY)



Big Data Analysis Using Spark
(UCSanDiego)

Pyspark basics: groupByKey, reduceByKey, join, map, flatMap, reduce, collect.



CS 50's Web Programming with Python
and JavaScript (Harvard)

Git, HTML, flask, django, SQL.

Projects

APARTMENTS DATA PARSER

Extract data from flat advertisement web site and analyse it. Consists of 4 parts:

1. Extract data using requests, beatifulsoup4.
2. Encode travel time with route API.
3. Show relations between location, travel time, apartment's size and price.
4. Develop scikit-learn model to predict the price.

BOOK REVIEW WEBSITE

A backend project of a simple website with ability to login/register, searching for books and writing reviews.

Involved: flask, HTML

FACE CORRELATOR

Display similarity matrix between all faces found in a batch of images.

Involved: Microsoft Azure's Face API

KNOWLEDGE

Good

- ▶ python
- ▶ pandas
- ▶ matplotlib
- ▶ jupyter

Medium

- ▶ C/C++
- ▶ SQL
- ▶ Linux
- ▶ Git
- ▶ vim

Basic

- ▶ keras
- ▶ scikit-learn
- ▶ geopandas
- ▶ requests
- ▶ flask
- ▶ Azure
- ▶ PySpark
- ▶ HTML
- ▶ bash
- ▶ django

LANGUAGES

Polish - native

English - C1

German - B1

Italian - A1