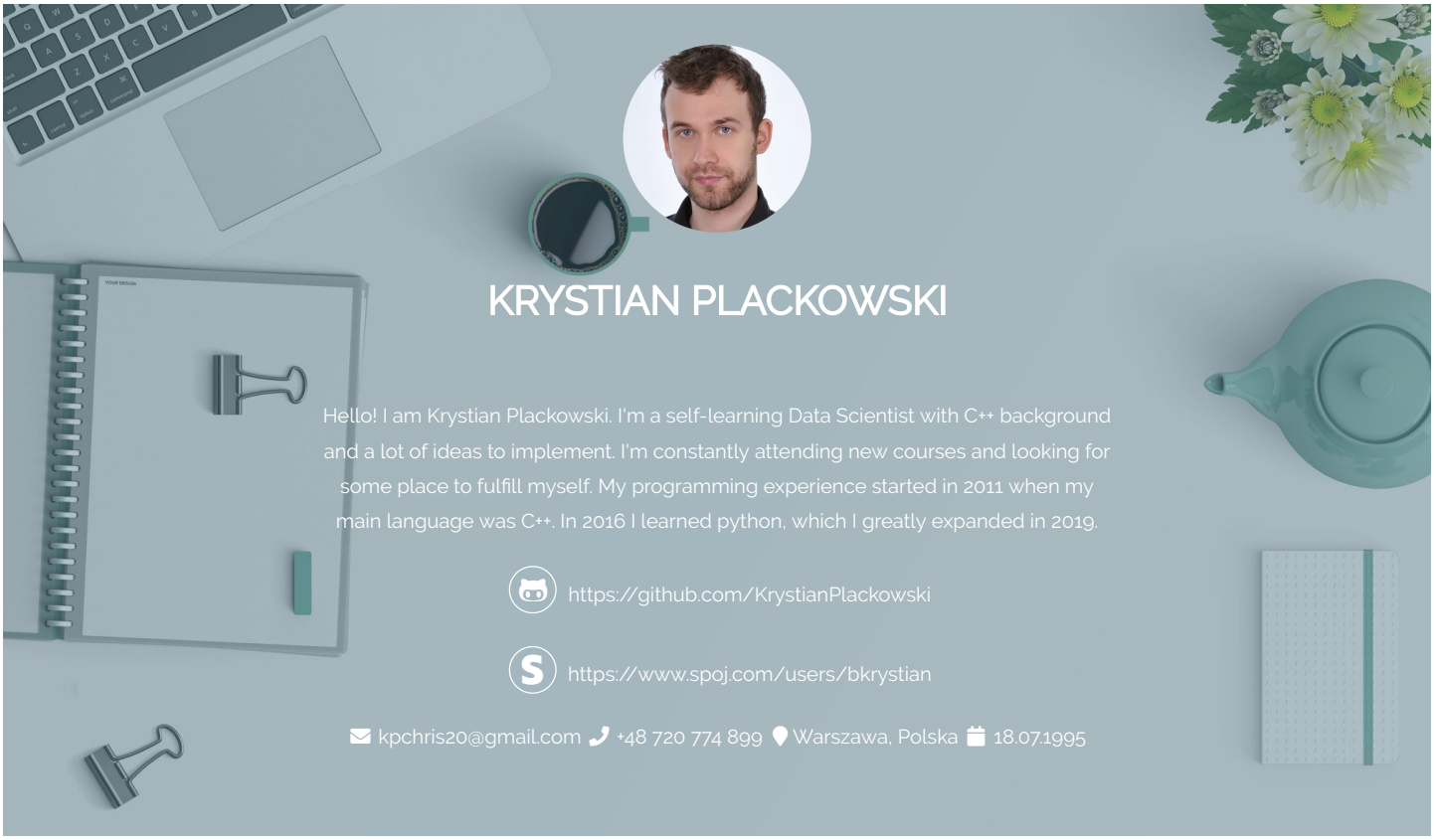

KRYSTIAN PLACKOWSKI

Hello! I am Krystian Plackowski. I'm a self-learning Data Scientist with C++ background and a lot of ideas to implement. I'm constantly attending new courses and looking for some place to fulfill myself. My programming experience started in 2011 when my main language was C++. In 2016 I learned python, which I greatly expanded in 2019.

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COURSES TAKEN

edX: Python for Data Science (UCSanDiego)	Introduction to data science with pandas and scikit-learn.
edX: Mashine Learning Fundamentals (UCSanDiego)	Introduction to various classification methods on implementation side.
edX: Deep Learning Fundamentals with Keras (IBM)	Neural Networks for regression, Convolution Neural Networks, Deep Neural Networks (VGG16).
Kaggle: geospacial analysis	Interactive maps, geoencoding, methods of spacial visualisation.
edX: Computer Vision and Image Analysis (Microsoft)	Image manipulation methods and object-detection algorithm.
edX: Introduction to Artificial Inteligence (Microsoft)	Introduction to Microsoft Azure Platform Cognitive Services: Computer Vision API, Face API, Custom Vision.

COURSES PARTLY COMPLETED (FOR NOW)

edX: Big Data Analysis Using Spark (UCSanDiego)	Pyspark basics: groupByKey, reduceByKey, join, map, flatMap, reduce, collect.
edX: CS 50's Web Programming with Python and JavaScript (Harvard)	Git, HTML, Flask, 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.

AIR POLLUTION ANALYSIS

Regression analysis of pollution level in air in comparission with wind speed, temperature, humidity and cloud cover.

Involved: pandas, matplotlib, seaborn

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

- keras
- scikit-learn
- geopandas
- requests
- flask
- Git
- Vim
- Linux
- C/C++

Basic

- Azure
- PySpark
- SQL
- HTML
- Bash

LANGUAGES

Polish - native

English - C1

German - B1

Italian - A1

EDUCATION

Feb 2018-Oct 2019 **Warsaw University Of Technology**
Master Degree of Mechanical Engineering
Oct 2014-Feb 2018 **Warsaw University Of Technology**
Bachelor Degree of Aerospace Engineering
