Junior Data Scientist

# Natalia Kusek

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## PROFILE

Cambridge Spark Data Science bootcamp graduate with Python and Machine Learning knowledge. Master of Science with 1 year experience in GIS and 2 years in land surveying and CAD.

## AVAILABILITY

now

## SKILLS

**Database**

PostgreSQL,

**Gis**

ArcGIS, QGIS,

**Machine learning**

Spark, Natural Language Processing, Data analysis, Supervised Learning, Data visualisation, Convolutional neural network, Deep Learning, Unsupervised Learning,

**Programming**

Python, SQL,

**Tool**

Git, GitHub,

## EDUCATION

Cambridge Spark (2018 – 2019), Applied Data Science Bootcamp  
Project: **Classify photograph of property as interior v/s exteriors**  
Modules include:  
- Essentials of Computer Science, Probability and Statistics  
- EDA, Feature Engineering and Unsupervised Learning  
- Supervised and Semi-Supervised Learning, Training and Validation  
- Regression Models and Time Series  
- Ensemble Models and Support Vector Classifiers  
- Cloud Computing and Databases  
- Big Data Systems  
- Neural Networks and Deep Learning  
- Natural Language Processing

University of Agriculture in Krakow (2006 – 2011), Agricultural Land Surveying and Property Appraisal, Master of Science

## TRAININGS / CONFERENCES

Data Workshop - Practical machine learning (2019)

Big Data World London (2019)

Big Data Technology Warsaw Summit (2019)

Programming for Everybody (Getting Started with Python) (2015)

Python Data Structures (2015)

## EXPERIENCE

**Director** (2016-06 – )

Kusek Ltd (IT), Harpenden, United Kingdom

Position type: *ownership*

* Running small IT company.
* Since 2018-09 studying Machine Learning, learning Python and SQL.

**Technologies***: xero.com, Python, Git, GitHub, SQL, PostgreSQL, Deep Learning, Supervised Learning, Unsupervised Learning, Convolutional neural network, Data analysis, Data visualisation, Natural Language Processing, Spark, Markdown,*

**GIS Technician** (2015-11 – 2016-10)

Cyient (Telecommunication), Aylesbury, United Kingdom

Position type: *contractor via agency*

* Designing fibre network for BT.

**Technologies***: ArcGIS, Microsoft Excel,*

**GIS Technician Intern** (2014-11 – 2014-12)

GISON (GIS systems provider), Krakow, Poland

Position type: *permanent*

* Creating metadata, digitalizing map data.

**Technologies***: QGIS,*

**Land Surveyor Assistant** (2011-11 – 2014-10)

GEOMAP (Land surveying), Krakow, Poland

Position type: *part-time*

* Real estate divisions, resumptions of border, maps updates.

**Technologies***: Microsoft Word, WinKalk, MikroMap, Ewmapa,*

**Land Surveyor Assistant** (2010-06 – 2010-08)

GEOPROF (Land surveying), Krakow, Poland

Position type: *permanent*

* Maps updates.

**Technologies***: Microstation,*

## RECOMMENDATIONS

*"Natalia is working fast and efficient and good result oriented, he´s opened to learn new things."*

Mariusz Krukar, October 8, 2016