

# Panagiotis Karles

Geographer/Developer

Professional Developer with a degree in Geography and multiple coding experiences in different branches of Computer Science, Mathematics, Physics and Statistics



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## EDUCATION

### University of The Aegean Dept. of Geography

09/2013 – 12/2018

## WORK EXPERIENCE

### Thesis University of the Aegean

07/2017 – 03/2018

*Methods and technologies used*

- Machine Learning with big volume data
- Remote Sensing Analysis
- Programming and debugging in R
- Supervised Classification
- Big-O Complexities

Contact: Dimitris Kavroudakis – dimitrisk.aegean.gr

### Data analyst Univeristy of the Aegean

06/2018 – Present

*Achievements/Tasks*

- Django application using Big Data
- Numerical analysis using Economic models

Contact: Xtouris Sotiris – sxtou@aegean.gr

### Junior Machine Learning Engineer Self-Employed

03/2015 – Present

*Tasks*

- Worked with Python modules (scikit-learn, keras, theano, tesorflow) to create a multipurpose script to analyze big data and small data using machine learning methods.
- Researched Deep Learning using methods for image classification
- Decision making using Machine Learning algorithms
- Scalable deep learning analysis using ETL techniques (script)

## SKILLS

Problem solving

Programming

Decision maker

Fast-learner

Analytical thinking

Team player

Data Analysis

## PERSONAL PROJECTS

Volunteer for a group named "The other person"  
(04/2017 – 06/2018)

- Volunteer cooking for the homeless

Various personal projects (05/2017 – Present)

- Creating various personal projects on github including Remote Sensing analysis, Data Science, Big Data, Physics, Fundamentals of Programming and more

Paper on Big Data and Data Science (04/2018 – Present)

- Working on a paper about Big Data using Data-Series, Statistical Analysis, Classification Models and Machine Learning techniques
- Technologies: Hortonworks HDP/HDF
- Language: Python

## PROGRAMMING LANGUAGES

R	●	●	●	●	○
Python	●	●	●	●	○
SQL	●	●	●	●	○
Matlab	●	●	●	○	○
C#	●	●	●	○	○
C++	●	●	●	●	○
Java	●	●	●	○	○