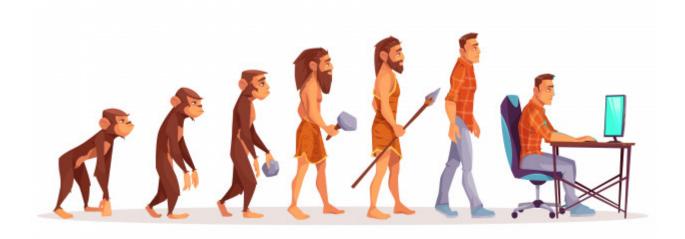


■mouselimislampros@gmail.com |

mlampros | mlampros | lampros\_twit

I'm a data & remote sensing analyst and open source author / maintainer of numerous R language packages (CRAN, Github), competent in two programming languages (R, Python) who takes advantage of C++ (in R through the Rcpp and RcppArmadillo packages and in python through Cython) to improve the efficiency of internal functions



## **R-Programming Packages**

fa	st	G	L	C	M	
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GLCM Texture Features

http://mlampros.github.io/2022/08/16/gray\_level\_co\_occurrence\_matrix/

#### **VMDecomp**

VARIATIONAL MODE DECOMPOSITION

http://mlampros.github.io/2022/06/11/variatonal\_mode\_decomposition/

ICESAT-2 ALTIMETER DATA USING R

http://mlampros.github.io/2022/02/12/IceSat2R\_Altimetry\_data/

#### **PlanetNICFI**

PROCESSING OF THE 'PLANET NICFI' SATELLITE IMAGERY

http://mlampros.github.io/2021/06/12/Planet\_NICFI\_Satellite\_Imagery/

### fitbitViz

'FITBIT' VISUALIZATIONS

http://mlampros.github.io/2021/05/20/fitbitViz\_package/

#### **Copernicus DEM**

COPERNICUS DIGITAL ELEVATION MODELS

http://mlampros.github.io/2021/05/21/copernicusDEM\_package/

#### fastText

EFFICIENT LEARNING OF WORD REPRESENTATIONS AND SENTENCE CLASSIFICATION

http://mlampros.github.io/2021/05/14/fasttext\_language\_identification/

### SuperpixelImageSegmentation

SUPERPIXEL IMAGE SEGMENTATION

http://mlampros.github.io/2018/11/09/Image\_Segmentation\_Superpixels\_Clustering/

#### elmNNRcpp

THE EXTREME LEARNING MACHINE ALGORITHM

http://mlampros.github.io/2018/07/05/the\_extreme\_learning\_machine\_package/

Author and maintainer (CRAN)

2022-08-15

Author and maintainer (CRAN)

2022-06-09

*Author and maintainer (CRAN)* 

2022-02-07

Author and maintainer (CRAN)

2021-06-10

Author and maintainer (CRAN)

2021-05-18

Author and maintainer (CRAN)

2021-05-15

*Author and maintainer (CRAN)* 

2021-05-14

Author and maintainer (CRAN)

2018-12-30

Author and maintainer (CRAN)

2018-07-05

**nmslibR**Author and maintainer (CRAN)

Non Metric Space (Approximate) Library

• http://mlampros.github.io/2018/02/27/the\_nmslibR\_package/

**RGF**Author and maintainer (CRAN)

REGULARIZED GREEDY FOREST 2018-02-13

http://mlampros.github.io/2018/02/14/the\_RGF\_package/

**GeoMongo**Author and maintainer (CRAN)

Geospatial Queries Using 'PyMongo' 2017-08-07

http://mlampros.github.io/2017/08/07/the\_GeoMongo\_package/

**fuzzywuzzyR**Author and maintainer (CRAN)

Fuzzy String Matching

http://mlampros.github.io/2017/04/13/fuzzywuzzyR\_package/
 .

geojsonR Author and maintainer (CRAN)

A GEOJSON PROCESSING TOOLKIT

• http://mlampros.github.io/2017/03/29/geojsonR\_package/

**textTinyR**Author and maintainer (CRAN)

TEXT Processing for Small or Big Data Files 2017-01-07

http://mlampros.github.io/2017/01/05/textTinyR\_package/

GloveR

Author and maintainer (Github)

2017-01-04

https://mlampros.github.io/GloveR/

RandomSearchR Author and maintainer (Github)

RANDOM SEARCH IN R

• http://mlampros.github.io/2016/03/14/random\_search\_R/

**ClusterR**Author and maintainer (CRAN)

Gaussian Mixture Models, K-Means, Mini-Batch-Kmeans, K-Medoids and Affinity Propagation Clustering 2016-09-06

http://mlampros.github.io/2016/09/12/clusterR\_package/

KernelKnn Author and maintainer (CRAN)

Kernel k Nearest Neighbors 2016-07-11

http://mlampros.github.io/2016/07/10/KernelKnn/

 OpenImageR
 Author and maintainer (CRAN)

 AN IMAGE PROCESSING TOOLKIT
 2016-07-09

http://mlampros.github.io/2016/07/08/OpenImageR/

FeatureSelection Author and maintainer (Github)

FEATURE EXTRACTION AND SELECTION BASED ON 'GLMNET', 'XGBOOST' AND 'RANGER' 2016-05-18

http://mlampros.github.io/2016/02/14/feature-selection/

**Education** 

University of Tuebingen Germany

DIPLOM IN BUSINESS ADMINISTRATION

September 1996–December 2001

• The effects of the introduction of Euro to the international price policy

Experience \_\_\_\_\_

**Olympic Games Athens 2004** 

FIELD WORKER (DATA COLLECTOR)

Athens

2018-02-27

2017-04-11

2016-09-19

Assistant Logistics Department

May 2004–September 2004

- Employed as an assistant in the logistics department of the Olympic Games 2004

Information Research International

November 2004-February 2016

Athens

• Employed as a data collector in a market research company

# Post Graduate Training \_\_\_\_\_

• Online	
Country of the Countr	
Learn to Program, Crafting Quality Code [ Coursera ]	Python
University of Toronto Online	statement of completion
Coding the Matrix, Linear Algebra through Computer Science Applications [ Coursera ]  BROWN UNIVERSITY  Online	Python statement of completion
An Introduction to Interactive Programming in Python [ Coursera ]  RICE UNIVERSITY  Online	Python statement of completion
Cluster Analysis in Data Mining [ Coursera ]	Pythor
University of Illinois at Urbana-Champaign  Online	statement of completion
Sequence Models [ Coursera ]	Python
• Online	statement of completion
Web Intelligence and Big Data [ Coursera ]	Python, SQL, R
Indian Institute of Technology Delhi  Online	statement of completion
Data-driven Astronomy [ Coursera ]	Python, SQL, R
University of Sydney Online	statement of completion
Introduction to Data Science [ Coursera ]	Python, SQL, F
University of Washington  Online	statement of completior
R Programming [ Coursera ]	F
Online	statement of completior
Getting and Cleaning Data [ Coursera ]	F
Johns Hopkins University  • Online	statement of completion
The Data Scientist's Toolbox [ Coursera ]	F
JOHNS HOPKINS UNIVERSITY  Online	statement of completion
Reproducible Research [ Coursera ]	F
JOHNS HOPKINS UNIVERSITY  Online	statement of completior
Exploratory Data Analysis [ Coursera ]	F
JOHNS HOPKINS UNIVERSITY  Online	statement of completion
Developing Data Products [ Coursera ]	F
JOHNS HOPKINS UNIVERSITY  • Online	statement of completior
Practical Machine Learning [ Coursera ]	F
JOHNS HOPKINS UNIVERSITY  Online	statement of completion
Regression Models [ Coursera ]	F
Johns Hopkins University  Online	statement of completion

Statistical Inference [ Coursera ]

JOHNS HOPKINS UNIVERSITY statement of completion

• Online

Computing for Data Analysis [ Coursera ]

JOHNS HOPKINS UNIVERSITY statement of completion

Online

Bayesian Statistics: From Concept to Data Analysis [ Coursera ]

University of California, Santa Cruz statement of completion

• Online

Core Concepts in Data Analysis [ Coursera ] Matlab, R

HIGHER SCHOOL OF ECONOMICS

· Online

Machine Learning [Coursera] Octave

STANFORD UNIVERSITY

• Online

The Analytics Edge [ Edx ] statement of completion

MITx - 15.071X Online

Introduction to Big Data with Apache Spark [ Edx ] Python, Spark BERKELEYX - CS100.1X statement of completion

• Online

Scalable Machine Learning [ Edx ] Python, Spark

BERKELEYX - CS190.1X statement of completion

• Online

Data mining with Weka [ weka.waikato.ac.nz ] Weka

University of Waikato statement of completion

• Online

More data mining with Weka [ weka.waikato.ac.nz ] Weka

University of Waikato statement of completion

Introduction to statistical learning [ online.stanford.edu ] statement of completion

STANFORD UNIVERSITY

Online

Datenmanagement mit SQL [ open.hpi.de ]

HASSO-PLATTNER-INSTITUT statement of completion

Online

**Spoken Languages** 

type	Reading	Writing	Listening	Speaking	Certificate	Institution	Year
Greek	native	native	native	native	,,	,,	,,
English	22	28	18	23	TOEFL Ibt	ETS	2018
English	24	27	20	20	TOEFL Ibt	ETS	2011
English	C1	C1	C1	C1	<b>State Certificate</b>	European Framework	2010
English	B2	B2	B2	B2	ECCE	University of Michigan	2008
German	C2	C2	C2	C2	State Certificate	European Framework	2003

Common European Framework of Reference for Languages: A1/A2: Basic User. B1/B2: Independent User. C1/C2: Proficient User

R

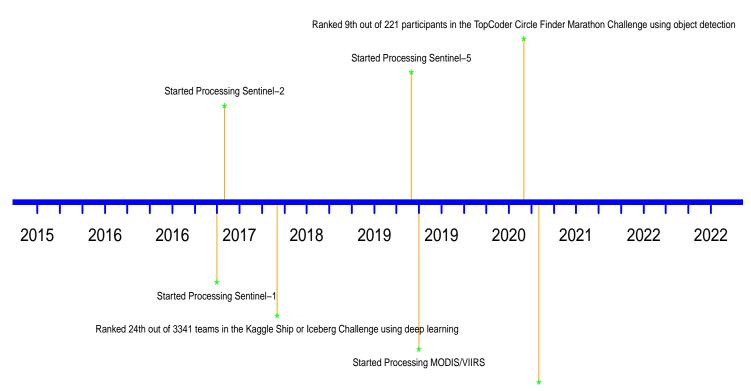
R

statement of completion

statement of completion



# **Geospatial Analysis (Timeline)**



Replicated the Segmentation of Satellite Imagery using U-Net Models for Land Cover Classification

# **Personal Data**

Date of Birth 06th September 1976

Sex Male

Mother's Name Parthena Totska

Place of Birth Greece
Martial Status Single

Health Irritable Bowel Syndrome (IBS). IBS affects about 1 out of 10 people

according to the International Foundation for functional gastrointestinal

2021

R package version

disorders (IFFGD)

**Driving License** Car, Motorcycle

triathlon from 2007 to 2010 I was an amateur triathlete

trail running Since 2006 I participate occasionally in trail running competitions running, swimming, cycling, tennis playing, watching movies

## **Publications**

L Mouselimis

URL: https://CRAN. R-project.
org/package= KernelKnn

KERNELKNN: KERNEL K NEAREST NEIGHBORS

L Mouselimis, C Sanderson, R Curtin, S Agrawal, B Frey, D Dueck

CLUSTERR: GAUSSIAN MIXTURE MODELS, K-MEANS, MINI-BATCH-KMEANS, K-MEDOIDS AND AFFINITY PROPAGATION CLUSTERING

L Mouselimis, A Gosso R package

ELMNNRCPP: THE EXTREME LEARNING MACHINE ALGORITHM

L Mouselimis

OpenImageR: an image processing Toolkit

2017