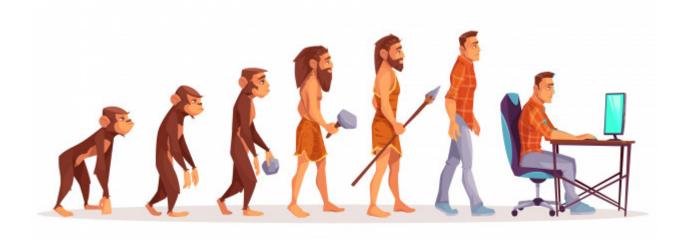


■mouselimislampros@gmail.com |

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**

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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)

• 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

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

**GloveR**Author and maintainer (Github)

GLOBAL VECTORS FOR WORD REPRESENTATION (GLOVE)

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

• 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
ASSISTANT LOGISTICS DEPARTMENT

FIELD WORKER (DATA COLLECTOR)

**Information Research International** 

Athens
May 2004–September 2004

2018-02-27

2017-04-11

2016-09-19

2016-07-09

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

Employed as an assistant in the logistics department of the otympic dames 200 i

Athens
November 2004–February 2016

• Employed as a data collector in a market research company

JANUARY 2024 LAMPROS SP. MOUSELIMIS · CURRICULUM V

Monopteryx Paramythia

DATA AND REMOTE SENSING ANALYST

October 2021-present

R

R

statement of completion

· Data Analysis, Machine Learning, Deep Learning, Remote Sensing

# **Post Graduate Training**

Learn to Program, The Fundamentals [Coursera] Python University of Toronto statement of completion Online Learn to Program, Crafting Quality Code [Coursera] Python University of Toronto statement of completion Online Coding the Matrix, Linear Algebra through Computer Science Applications [Coursera] Python BROWN UNIVERSITY statement of completion Online An Introduction to Interactive Programming in Python [Coursera] Python RICE UNIVERSITY statement of completion · Online Cluster Analysis in Data Mining [ Coursera ] Python UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN statement of completion Online Sequence Models [ Coursera ] Python DEEPLEARNING.AI statement of completion • Online Web Intelligence and Big Data [Coursera] Python, SQL, R Indian Institute of Technology Delhi statement of completion Online Data-driven Astronomy [Coursera] Python, SQL, R University of Sydney statement of completion • Online Introduction to Data Science [Coursera] Pvthon, SOL, R University of Washington statement of completion • Online R Programming [Coursera] R JOHNS HOPKINS UNIVERSITY statement of completion · Online Getting and Cleaning Data [Coursera] JOHNS HOPKINS UNIVERSITY statement of completion • Online The Data Scientist's Toolbox [Coursera] R JOHNS HOPKINS UNIVERSITY statement of completion · Online Reproducible Research [ Coursera ] JOHNS HOPKINS UNIVERSITY statement of completion · Online

Exploratory Data Analysis [ Coursera ]

JOHNS HOPKINS UNIVERSITY

JOHNS HOPKINS UNIVERSITY statement of completion

• Online

Practical Machine Learning [ Coursera ]	R
JOHNS HOPKINS UNIVERSITY	statement of completion
• Online	
Regression Models [ Coursera ]	R
Johns Hopkins University	statement of completion
• Online	
Statistical Inference [ Coursera ]	R
JOHNS HOPKINS UNIVERSITY	statement of completion
• Online	
Computing for Data Analysis [ Coursera ]	R
JOHNS HOPKINS UNIVERSITY	statement of completion
• Online	_
Bayesian Statistics: From Concept to Data Analysis [ Coursera ]	R
University of California, Santa Cruz  Online	statement of completion
	Matlah G
Core Concepts in Data Analysis [ Coursera ]  HIGHER SCHOOL OF ECONOMICS	Matlab, R statement of completion
• Online	statement of completion
Machine Learning [ Coursera ]	Octave
STANFORD UNIVERSITY	statement of completion
• Online	
The Analytics Edge [ Edx ]	R
MITx – 15.071X	statement of completion
• 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

• Online

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

STANFORD UNIVERSITY

Weka University of Waikato statement of completion

Introduction to statistical learning [ online.stanford.edu ]

Datenmanagement mit SQL [ open.hpi.de ]

HASSO-PLATTNER-INSTITUT Online

statement of completion

# 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

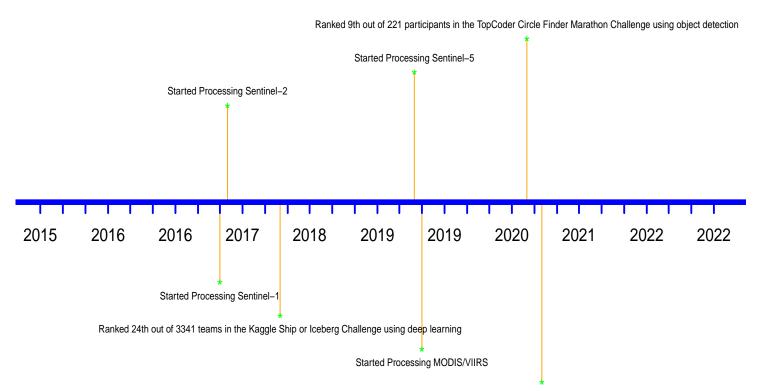
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statement of completion

SQL



# **Geospatial Analysis (Timeline)**



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



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

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**

FASTTEXT: EFFICIENT LEARNING OF WORD REPRESENTATIONS AND SENTENCE CLASSIFICATION USING R (R PACKAGE VERSION 1.0. 2)

2022

L Mouselimis

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

KERNELKNN: KERNEL K NEAREST NEIGHBORS

org/package= KernelKnn 2021

R package version

## 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

2019

# L Mouselimis, A Gosso

ELMNNRCPP: THE EXTREME LEARNING MACHINE ALGORITHM

R package

**L Mouselimis**R package version

OPENIMAGER: AN IMAGE PROCESSING TOOLKIT 2017