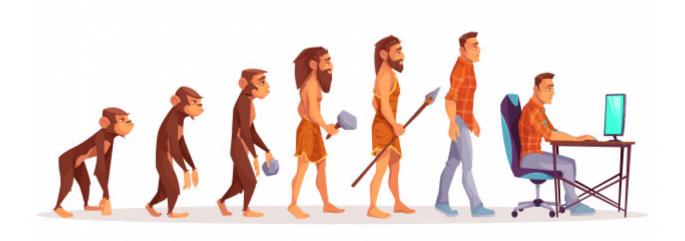


■mouselimislampros@gmail.com |

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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|----|----|-----|---|---|
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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 2017-03-28

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/

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/

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

Information Research International

• Employed as a data collector in a market research company

ASSISTANT LOGISTICS DEPARTMENT May 2004-September 2004

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

FIELD WORKER (DATA COLLECTOR) November 2004-February 2016

Athens

Athens

2018-02-27

2017-04-11

2016-09-19

2016-07-09

Monopteryx Paramythia

DATA AND REMOTE SENSING ANALYST

October 2021-present

• 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

R

R

statement of completion

| 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 | statement of completion |
| • Online | |
| Core Concepts in Data Analysis [Coursera] | Matlab, R |
| HIGHER SCHOOL OF ECONOMICS | statement of completion |
| • Online | |
| Machine Learning [Coursera] | Octave |
| STANFORD UNIVERSITY • Online | statement of completion |
| | |
| The Analytics Edge [Edx] | R |
| MITx – 15.071X • Online | statement of completion |
| | Dithan Card |
| Introduction to Big Data with Apache Spark [Edx] BerkeleyX - CS100.1x | Python, Spark statement of completion |
| • Online | statement of completion |
| Scalable Machine Learning [Edx] | Python, Spark |
| BERKELEYX - CS190.1X | statement of completion |
| • Online | statement of completion |
| 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]

Introduction to statistical learning [online.stanford.edu]

STANFORD UNIVERSITY

Datenmanagement mit SQL [open.hpi.de]

Online

Weka University of Waikato statement of completion

SQL

statement of completion

HASSO-PLATTNER-INSTITUT statement of completion

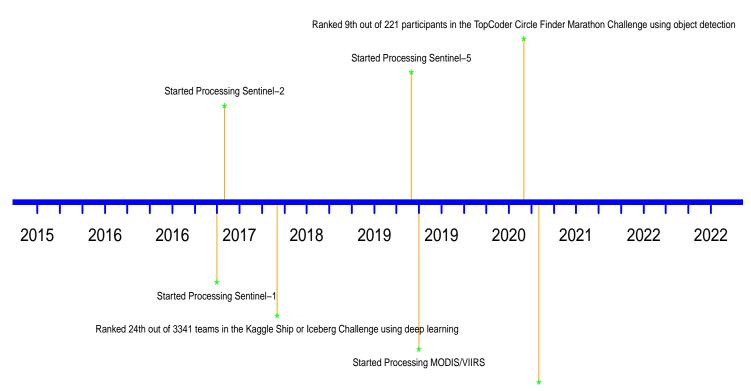
Spoken Languages _____

| 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 | State Certificate | 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



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.

KERNELKNN: KERNEL K NEAREST NEIGHBORS

org/package= KernelKnn 2021

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

R package version

OPENIMAGER: AN IMAGE PROCESSING TOOLKIT

2017