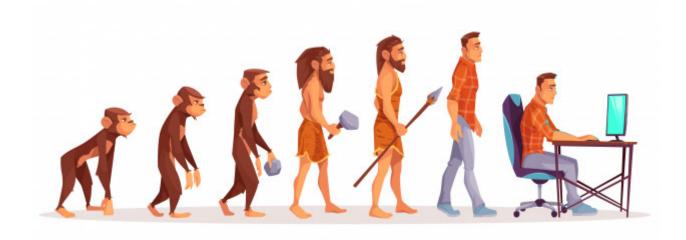


■mouselimislampros@gmail.com |

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 | М |
|----|----|---|---|---|---|
| та | Sτ | G | Ľ | L | M |

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

nmslibRAuthor and maintainer (CRAN)

Non Metric Space (Approximate) Library

• http://mlampros.github.io/2018/02/27/the_nmslibR_package/

RGFAuthor and maintainer (CRAN)

REGULARIZED GREEDY FOREST 2018-02-13

• http://mlampros.github.io/2018/02/14/the_RGF_package/

GeoMongoAuthor and maintainer (CRAN)

GEOSPATIAL QUERIES USING 'PyMongo' 2017-08-07

http://mlampros.github.io/2017/08/07/the_GeoMongo_package/

fuzzywuzzyRAuthor and maintainer (CRAN)

Fuzzy String Matching

• http://mlampros.github.io/2017/04/13/fuzzywuzzyR_package/

geojsonRAuthor 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)

GLOBAL VECTORS FOR WORD REPRESENTATION (GLOVE)

• https://mlampros.github.io/GloveR/

RandomSearchR Author and maintainer (Github)

RANDOM SEARCH IN R 2016-09-19

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/

KernelKnnAuthor 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/

FeatureSelectionAuthor 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 2004ASSISTANT LOGISTICS DEPARTMENT

May 2004–September 2004

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

Information Research International Athens

FIELD WORKER (DATA COLLECTOR)

November 2004–February 2016

Employed as a data collector in a market research company

Athens

2018-02-27

2017-04-11

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]

Developing Data Products [Coursera]

JOHNS HOPKINS UNIVERSITY

JOHNS HOPKINS UNIVERSITY

• Online

· Online

R

R

statement of completion

statement of completion

SEPTEMBER 2024

| 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 | 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 |

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

University of Waikato

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

University of Waikato

Introduction to statistical learning [online.stanford.edu]

Datenmanagement mit SQL [open.hpi.de]

Online

Weka

statement of completion

statement of completion

statement of completion

Weka

SQL

STANFORD UNIVERSITY

HASSO-PLATTNER-INSTITUT statement of completion

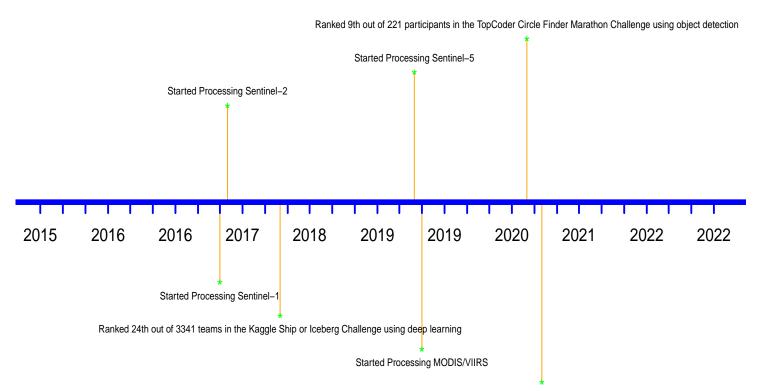
Spoken Languages _____

| 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

Personal Data_

Date of Birth 06th September 1976 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 **Free time Activities** running, swimming, cycling, tennis playing, watching movies

Publications

| L Mouselimis, C Sanderson, R Curtin, S Agrawal, B Frey, D Dueck | R package |
|--|-----------|
| CLUSTERR: GAUSSIAN MIXTURE MODELS, K-MEANS, MINI-BATCH-KMEANS, K-MEDOIDS AND AFFINITY PROPAGATION CLUSTERING | 2024 |
| L Mouselimis, A Gosso | R package |
| ELMNNRCPP: THE EXTREME LEARNING MACHINE ALGORITHM | 2024 |
| L Mouselimis | R package |
| OPENIMAGER: AN IMAGE PROCESSING TOOLKIT | 2024 |
| L Mouselimis | R package |
| KERNELKNN: KERNEL K NEAREST NEIGHBORS | 2024 |
| L Mouselimis | R package |
| FASTTEXT: EFFICIENT LEARNING OF WORD REPRESENTATIONS AND SENTENCE CLASSIFICATION USING R | 2024 |
| P Das, GK Jha, T Ahmad, A Lama, L Mouselimis | R package |
| VMDML: Variational Mode Decomposition Based Machine Learning Models | 2024 |