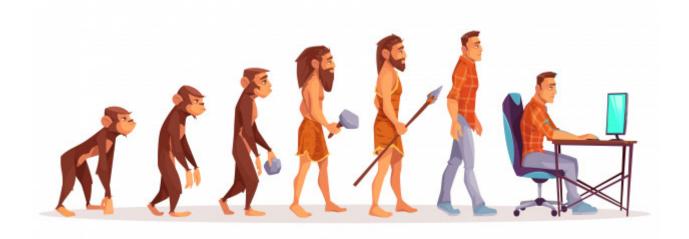


■mouselimislampros@gmail.com |

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

fastGLCM

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)

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

NON METRIC SPACE (APPROXIMATE) LIBRARY

RGFAuthor 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/

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/

textTinyRAuthor 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)

2017-01-0

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

RandomSearchR Author and maintainer (Github)

RANDOM SEARCH IN R

• http://mlampros.github.io/2016/03/14/random_search_R/

ClusterRAuthor 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)

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

An Image Processing Toolkit

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

May 2004–September 2004

May 2001 September 20

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

Information Research International

Field Worker (Data Collector)

November 2004–February 2016

Employed as a data collector in a market research company

Athens

Athens

2018-02-27

2017-04-11

2016-09-19

2016-07-09

Post Graduate Training_

JANUARY 2023

G	
Learn to Program, The Fundamentals [Coursera] UNIVERSITY OF TORONTO	Python statement of completion
• Online	
Learn to Program, Crafting Quality Code [Coursera] UNIVERSITY OF TORONTO Online	Python statement of completion
Coding the Matrix, Linear Algebra through Computer Science Applications [Coursera]	Python
Brown University Online	statement of completion
An Introduction to Interactive Programming in Python [Coursera]	Python
RICE UNIVERSITY • Online	statement of completion
Cluster Analysis in Data Mining [Coursera]	Python
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, R
University of Washington Online	statement of completion
R Programming [Coursera]	R
JOHNS HOPKINS UNIVERSITY • Online	statement of completion
Getting and Cleaning Data [Coursera]	R
JOHNS HOPKINS UNIVERSITY	statement of completion
• Online The Date Scientist's Teelbox [Coursers]	0
The Data Scientist's Toolbox [Coursera] Johns Hopkins University Online	R statement of completion
Reproducible Research [Coursera]	R
JOHNS HOPKINS UNIVERSITY Online	statement of completion
Exploratory Data Analysis [Coursera]	R
JOHNS HOPKINS UNIVERSITY • Online	statement of completion
Developing Data Products [Coursera]	R
JOHNS HOPKINS UNIVERSITY • Online	statement of completion
Practical Machine Learning [Coursera]	R
Johns Hopkins University Online	statement of completion
Regression Models [Coursera]	R
JOHNS HOPKINS UNIVERSITY • Online	statement of completion

Statistical Inference [Coursera]

JOHNS HOPKINS UNIVERSITY

statement of completion

Online

Computing for Data Analysis [Coursera]

statement of completion

JOHNS HOPKINS UNIVERSITY
• Online

Bayesian Statistics: From Concept to Data Analysis [Coursera]

R

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
• Online

statement of completion

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

Onlin

Introduction to statistical learning [online.stanford.edu]

F

STANFORD UNIVERSITY

statement of completion

• Online

Datenmanagement mit SQL [open.hpi.de]

SQL

HASSO-PLATTNER-INSTITUT

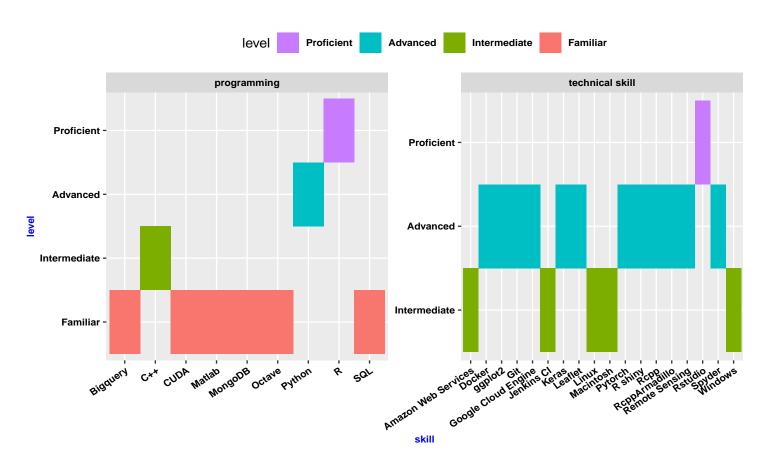
statement of completion

Online

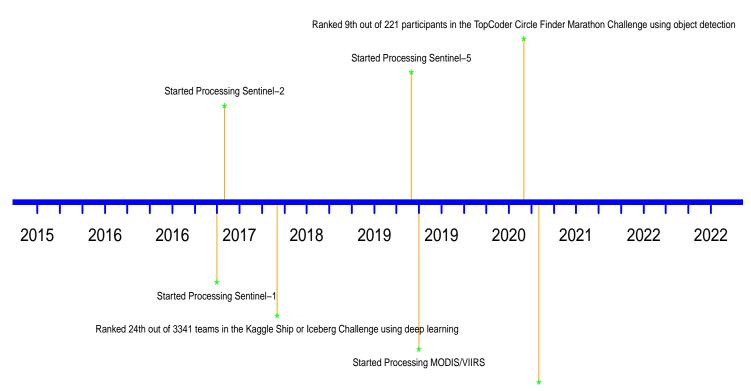
Spoken Languages

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	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

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 MouselimisR package version

OPENIMAGER: AN IMAGE PROCESSING TOOLKIT