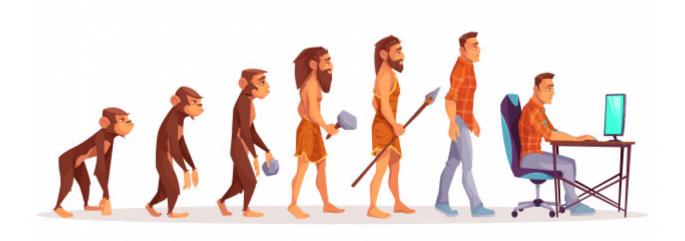


■mouselimislampros@gmail.com |

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

VMDecomp

VARIATIONAL MODE DECOMPOSITION

• http://mlampros.github.io/2022/06/11/variatonal_mode_decomposition/

IceSat2R

ICESAT-2 ALTIMETER DATA USING R

http://mlampros.github.io/2022/02/12/IceSat2R_Altimetry_data/

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/

nmslibR

NON METRIC SPACE (APPROXIMATE) LIBRARY

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

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

Author and maintainer (CRAN)

2018-02-27

RGFAuthor and maintainer (CRAN)

2018-02-13

2016-09-06

2016-07-09

2016-05-18

Athens

Athens

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

REGULARIZED GREEDY FOREST

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 2017-04-11

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/

textTinyRAuthor 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)
2017-01-04

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

RandomSearchR Author and maintainer (Github)

RANDOM SEARCH IN R 201

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

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/

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

OpenImageRAuthor and maintainer (CRAN)

An Image Processing Toolkit

FeatureSelectionAuthor and maintainer (Github)

FEATURE EXTRACTION AND SELECTION BASED ON 'GLMNET', 'XGBOOST' AND 'RANGER'

• 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 May 2004–September 2004

• 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

Post Graduate Training _____

Learn to Program, The Fundamentals [Coursera] UNIVERSITY OF TORONTO Online	Python statement of completion
earn 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]	Python
Iniversity of Illinois at Urbana-Champaign Online	statement of completion
Sequence Models [Coursera]	Python
DEEPLEARNING.AI Online	statement of completion
Veb Intelligence and Big Data [Coursera]	Python, SQL, R statement of completion
Online	
Data-driven Astronomy [Coursera] UNIVERSITY OF SYDNEY Online	Python, SQL, R statement of completion
Introduction to Data Science [Coursera] UNIVERSITY OF WASHINGTON Online	Python, SQL, R statement of completion
R Programming [Coursera]	R
OHNS HOPKINS UNIVERSITY Online	statement of completion
Getting and Cleaning Data [Coursera] OHNS HOPKINS UNIVERSITY Online	R statement of completion
The Data Scientist's Toolbox [Coursera] OHNS HOPKINS UNIVERSITY Online	R statement of completion
Reproducible Research [Coursera]	R
OHNS HOPKINS UNIVERSITY Online	statement of completion
Exploratory Data Analysis [Coursera] OHNS HOPKINS UNIVERSITY Online	R statement of completion
Developing Data Products [Coursera] OHNS HOPKINS UNIVERSITY	R statement of completion
Online	
Practical Machine Learning [Coursera] ониз Норкиз University Online	R statement of completion
Regression Models [Coursera] OHNS HOPKINS UNIVERSITY Online	R 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

Online

Introduction to statistical learning [online.stanford.edu]

R

STANFORD UNIVERSITY

statement of completion

• Online

Datenmanagement mit SQL [open.hpi.de]

SQL

HASSO-PLATTNER-INSTITUT

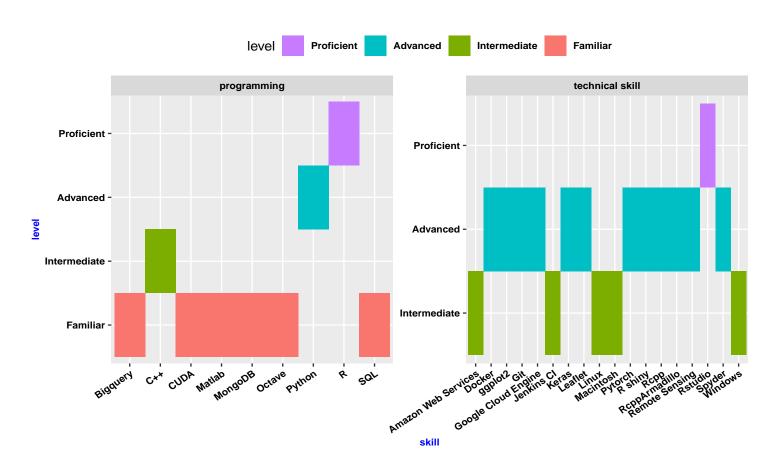
statement of completion

• Online

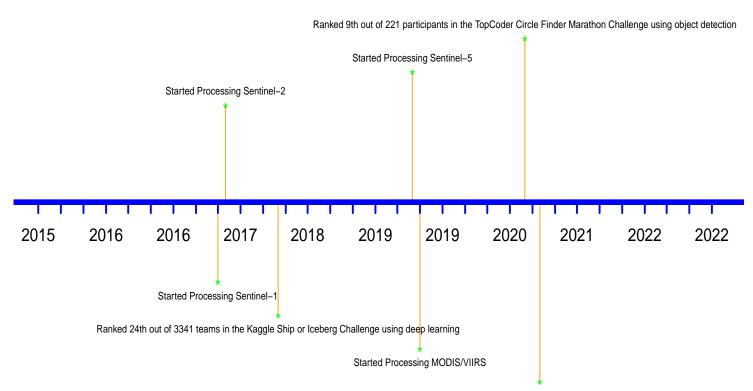
Spoken Languages

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

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

URL: https://CRAN. R-project. **L Mouselimis** 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 R package version

OPENIMAGER: AN IMAGE PROCESSING TOOLKIT

2021

R package version