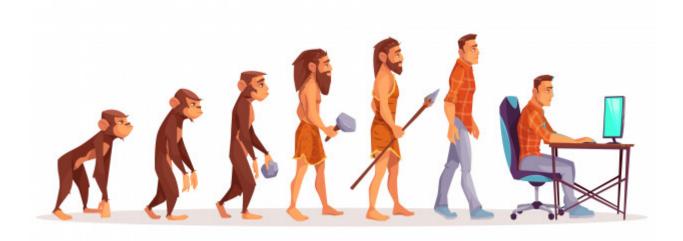


■mouselimislampros@gmail.com |

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

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/

CopernicusDEM

COPERNICUS DIGITAL ELEVATION MODELS

http://mlampros.github.io/2021/05/21/copernicusDEM_package/

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/

RGF

REGULARIZED GREEDY FOREST

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

GeoMongo

GEOSPATIAL QUERIES USING 'PYMONGO'

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

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

Author and maintainer (CRAN)

2018-02-13

Author and maintainer (CRAN)

2017-08-07

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 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 2016-09-19

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

ClusterR

ClusterR

Author and maintainer (CRAN)

Gaussian Mixture Models, K-Means, Mini-Batch-Kmeans, K-Medoids and Affinity Propagation Clustering

2016-09-06

Gaussian Mixture Models, K-Means, Mini-Batch-Kmeans, K-Medoids and Affinity Propagation Clustering

• http://mlampros.github.io/2016/09/12/clusterR_package/

KernelKnnAuthor and maintainer (CRAN)

Kernel k Nearest Neighbors

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 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

Athens

Athens

2017-04-11

2016-07-11

2016-07-09

Post Graduate Training _____

earn to Program, The Fundamentals [Coursera] NIVERSITY OF TORONTO	Python statement of completion
Online	
earn to Program, Crafting Quality Code [Coursera]	Python
Online	statement of completion
oding the Matrix, Linear Algebra through Computer Science Applications [Coursera]	Python
ROWN UNIVERSITY Online	statement of completion
n Introduction to Interactive Programming in Python [Coursera]	Python
Online	statement of completior
cluster Analysis in Data Mining [Coursera]	Pythor
NIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN Online	statement of completior
equence Models [Coursera]	Pythor
eeplearning.ai Online	statement of completion
Veb Intelligence and Big Data [Coursera]	Python, SQL, F
NDIAN INSTITUTE OF TECHNOLOGY DELHI Online	statement of completion
Pata-driven Astronomy [Coursera]	Python, SQL, F
Online	statement of completion
ntroduction to Data Science [Coursera]	Python, SQL, F
Online	statement of completion
Programming [Coursera]	F
OHNS HOPKINS UNIVERSITY Online	statement of completior
setting and Cleaning Data [Coursera]	F
OHNS HOPKINS UNIVERSITY Online	statement of completion
he Data Scientist's Toolbox [Coursera]	F
OHNS HOPKINS UNIVERSITY Online	statement of completior
Reproducible Research [Coursera]	F
OHNS HOPKINS UNIVERSITY Online	statement of completion
xploratory Data Analysis [Coursera]	F
Online	statement of completior
Developing Data Products [Coursera]	F
OHNS HOPKINS UNIVERSITY Online	statement of completion
Practical Machine Learning [Coursera]	I
OHNS HOPKINS UNIVERSITY Online	statement of completion
Regression Models [Coursera]	F
OHNS HOPKINS UNIVERSITY Online	statement of completion

Statistical Inference [Coursera]

JOHNS HOPKINS UNIVERSITY

• Online

Computing for Data Analysis [Coursera]

JOHNS HOPKINS UNIVERSITY

Online

Bayesian Statistics: From Concept to Data Analysis [Coursera]

University of California, Santa Cruz

• Online

Core Concepts in Data Analysis [Coursera]

HIGHER SCHOOL OF ECONOMICS

· Online

Machine Learning [Coursera]

STANFORD UNIVERSITY

• Online

The Analytics Edge [Edx]

MITx - 15.071X

Online

Introduction to Big Data with Apache Spark [Edx]

BERKELEYX - CS100.1X

• Online

Scalable Machine Learning [Edx]

BERKELEYX - CS190.1X

· Online

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

University of Waikato

• Online

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

University of Waikato

Introduction to statistical learning [online.stanford.edu]

STANFORD UNIVERSITY

Online

Datenmanagement mit SQL [open.hpi.de]

HASSO-PLATTNER-INSTITUT

Online

statement of completion

statement of completion

R

R

statement of completion

Matlab, R

statement of completion

Octave

statement of completion

statement of completion

Python, Spark

statement of completion

Python, Spark

statement of completion

Weka

statement of completion

Weka

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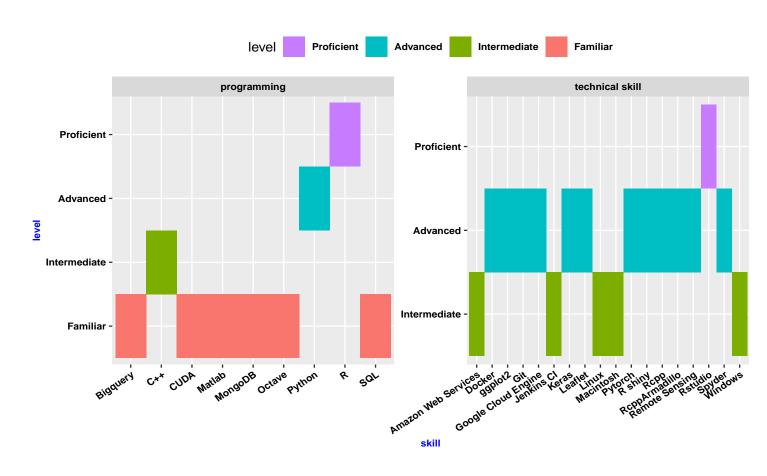
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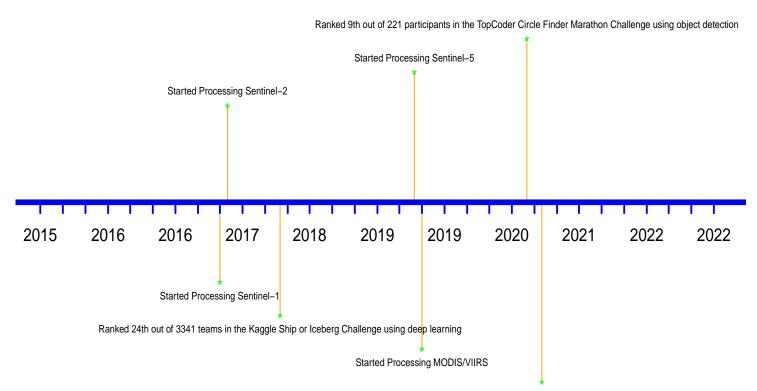
Spoken Languages

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

SexMalePlace of BirthGreeceMartial StatusSingle

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, 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. R PACKAGE VERSION 1.2. 2

L Mouselimis R package version

ClusterR: Gaussian mixture models, k-means, mini-batch-kmeans, k-medoids and affinity propagation clustering

L MouselimisR package version

2018

2018

R package version

KERNELKNN: KERNEL K NEAREST NEIGHBORS

L Mouselimis, A Gosso R package

ELMNNRCPP: THE EXTREME LEARNING MACHINE ALGORITHM

L MouselimisR package version

OPENIMAGER: AN IMAGE PROCESSING TOOLKIT

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; 2020