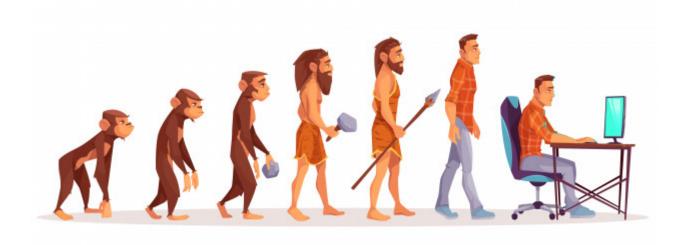


Lampros Sp. Mouselimis

■ mouselimislampros@gmail.com | 希 mlampros.github.io/ | ② 0000-0002-8024-1546 | ③ JXg3b58AAAAJ | ②

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

2021-06-10



R-Programming Packages

PlanetNICFI Author and maintainer (CRAN)

PROCESSING OF THE 'PLANET NICFI' SATELLITE IMAGERY

http://mlampros.github.io/2021/06/12/Planet_NICFI_Satellite_Imagery/

fitbitVizAuthor and maintainer (CRAN)

'FITBIT' VISUALIZATIONS 2021-05-18

http://mlampros.github.io/2021/05/20/fitbitViz_package/

http://mlampros.github.io/2018/07/05/the_extreme_learning_machine_package/

CopernicusDEMAuthor and maintainer (CRAN)

COPERNICUS DIGITAL ELEVATION MODELS

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

astText Author and maintainer (CRAN)

EFFICIENT LEARNING OF WORD REPRESENTATIONS AND SENTENCE CLASSIFICATION 2021-05-14

http://mlampros.github.io/2021/05/14/fasttext_language_identification/

 SuperpixelImageSegmentation
 Author and maintainer (CRAN)

 Superpixel Image Segmentation
 2018-12-30

http://mlampros.github.io/2018/11/09/Image_Segmentation_Superpixels_Clustering/

elmNNRcppAuthor and maintainer (CRAN)

THE EXTREME LEARNING MACHINE ALGORITHM 2018-07-05

nmslibR Author and maintainer (CRAN)

NON METRIC SPACE (APPROXIMATE) LIBRARY

2018-02-27

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/

GeoMongoAuthor and maintainer (CRAN)

GEOSPATIAL QUERIES USING 'PYMONGO'

• 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/

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 Author 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/

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/

Publications

L Mouselimis R package version

KERNELKNN: KERNEL K NEAREST NEIGHBORS R package version

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

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

Athens

2017-04-11

2016-09-06

2016-07-09

2018

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

Post Graduate Training _____

Learn to Program, The Fundamentals [Coursera] JINIVERSITY OF TORONTO Online	Python statement of completion
Learn 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] University of Illinois at Urbana-Champaign Online	Python statement of completion
Sequence Models [Coursera] DEEPLEARNING.AI Online	Python statement of completion
Web Intelligence and Big Data [Coursera] NDIAN INSTITUTE OF TECHNOLOGY DELHI Online	Python, SQL, R statement of completion
Data-driven Astronomy [Coursera] JNIVERSITY OF SYDNEY Online	Python, SQL, R statement of completion
ntroduction to Data Science [Coursera] JNIVERSITY OF WASHINGTON Online	Python, SQL, R statement of completion
R Programming [Coursera] JOHNS HOPKINS UNIVERSITY Online	R statement of completion
Getting and Cleaning Data [Coursera] JOHNS HOPKINS UNIVERSITY Online	R statement of completion
The Data Scientist's Toolbox [Coursera] JOHNS HOPKINS UNIVERSITY Online	R statement of completion
Reproducible Research [Coursera] JOHNS HOPKINS UNIVERSITY Online	R statement of completion
Exploratory Data Analysis [Coursera] JOHNS HOPKINS UNIVERSITY Online	R statement of completion
Developing Data Products [Coursera] JOHNS HOPKINS UNIVERSITY Online	R statement of completion
Practical Machine Learning [Coursera] JOHNS HOPKINS UNIVERSITY Online	R statement of completion
Regression Models [Coursera] JOHNS HOPKINS UNIVERSITY Online	R statement of completion

Statistical Inference [Coursera]

JOHNS HOPKINS UNIVERSITY

JOHNS HOPKINS UNIVERSITY

statement of completion

• Online

Computing for Data Analysis [Coursera]

statement of completion

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]

R

STANFORD UNIVERSITY

statement of completion

• Online

Online

Datenmanagement mit SQL [open.hpi.de]

SQL

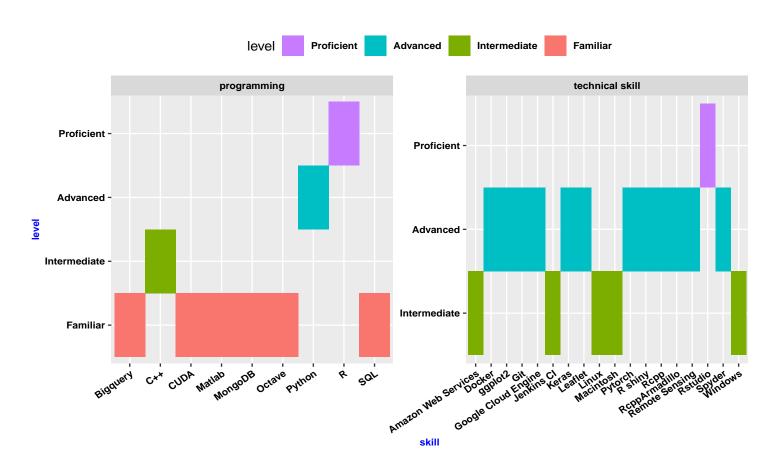
HASSO-PLATTNER-INSTITUT

statement of completion

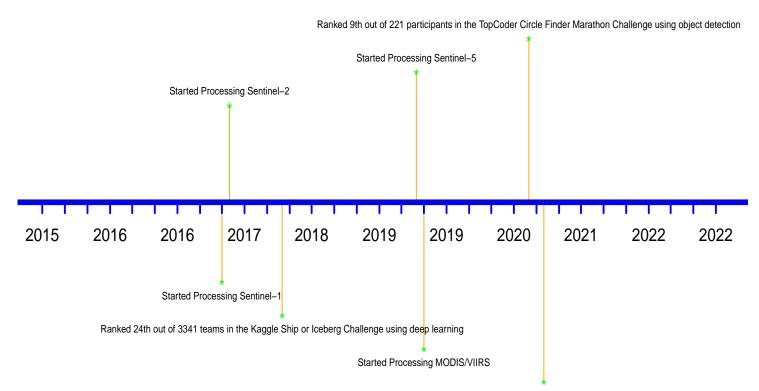
Spoken Languages

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

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