# Mouselimis Lampros

Greece, **26-02-2018**

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**Dear Sir/Madam,**

**as my resume demonstrates, I've participated in numerous massive on-line courses in order to improve my skills in the field of data science. I am competent in two programming languages (R, Python) and I take advantage of C++ ( in R through the Rcpp and RcppArmadillo packages and in python through Cython ) to speed up internal functions. I'm the author and maintainer of the following *R* language CRAN packages :**

1st **OpenImageR :** An Image processing Toolkit in R
2nd **KernelKnn :** Kernel k Nearest Neighbors in R
3rd **ClusterR :** Gaussian mixture models, k-means, mini-batch-kmeans and k-medoids clustering
4th **textTinyR :** Text Processing for Small or Big Data Files in R
5th **geojsonR** : A GeoJson Processing Toolkit
6th **fuzzywuzzyR** : Fuzzy string matching
7th **GeoMongo** : Geospatial Queries Using PyMongo in R
8th **RGF** : Regularized Greedy Forest in R
9th **nmslibR** : Non Metric Space (Approximate) Library in R

**Furthermore, I've uploaded 4 more to my Github account ( https://github.com/mlampros ),**

10th **FeatureSelection :** Feature Selection in R using glmnet-lasso, xgboost and ranger
11th **RandomSearchR :** Find the optimal parameters of an algorithm using random search in R
12th **GloveR :** Global Vectors for Word Representation
13th **fastTextR :** Efficient learning of word representations

**Concerning *Python* I've uploaded 1 package to PyPi,**

14th **textTinyPy :** Text Processing for Small or Big Data Files in Python

**and 1 to my Github account,**

15th **Regression_theano :** linear and logistic regression using the theano library

**Moreover, I've set up a blog ( http://mlampros.github.io/ ) where I write mainly about R, python and machine learning.**

**A syndrome (Irritable Bowel Syndrome), which by the way currently affects 1 in 10 people worldwide sometimes creates difficulties in my daily life. However, I am eager to learn new skills, especially in an evolving field, such as data science. I'm looking forward to your response.**

**Thank you.**

## EDUCATION

1996/2001 **Diploma of Business Administration, University Tuebingen, Germany**

## POST GRADUATE TRAINING

**Since 2012 I attended numerous 'massive open online courses' (MOOCs), in which I acquired a statement of completion. Those MOOCs were offered by the following educational organizations :**

### Coursera

**PROGRAMMING LANGUAGE : *Python***
Learn to Program, The Fundamentals (University of Toronto)
Learn to Program, Crafting Quality Code (University of Toronto)
Coding the Matrix, Linear Algebra through Computer Science Applications (Brown University)
An Introduction to Interactive Programming in Python (Rice University)
Cluster Analysis in Data Mining (University of Illinois at Urbana-Champaign)

**PROGRAMMING LANGUAGE : *Python, SQL, R***
Web Intelligence and Big Data (Indian Institute of Technology Delhi)
Data-driven Astronomy (University of Sydney)
Introduction to Data Science (University of Washington)

**PROGRAMMING LANGUAGE : *R***
R Programming (Johns Hopkins University)
Getting and Cleaning Data (Johns Hopkins University)
The Data Scientist's Toolbox (Johns Hopkins University)
Reproducible Research (Johns Hopkins University)
Exploratory Data Analysis (Johns Hopkins University)
Developing Data Products (Johns Hopkins University)
Practical Machine Learning (Johns Hopkins University)
Regression Models (Johns Hopkins University)
Statistical Inference (Johns Hopkins University)
Computing for Data Analysis (Johns Hopkins University)

**PROGRAMMING LANGUAGE : *Matlab, R***
Core Concepts in Data Analysis (Higher School of Economics)

**PROGRAMMING LANGUAGE : *Octave***
Machine Learning (Stanford University)

### Edx

**PROGRAMMING LANGUAGE : *R***
The Analytics Edge (MITx – 15.071x)

**PROGRAMMING LANGUAGE : *Python, Spark***
Introduction to Big Data with Apache Spark (BerkeleyX – CS100.1x)
Scalable Machine Learning (BerkeleyX - CS190.1x)

***weka.waikato.ac.nz***

Data mining with Weka (University of Waikato)
More data mining with Weka (University of Waikato)

***online.stanford.edu***

***PROGRAMMING LANGUAGE : R***
Introduction to statistical learning (Stanford university)

***open.hpi.de***

***PROGRAMMING LANGUAGE : SQL***
Datenmanagement mit SQL (Hasso-Plattner-Institut)

## *FUTURE EDUCATION*

I would like to write a dissertation in machine learning

## WORK EXPERIENCE

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|---|---|
| Date : 5/2004 – 9/2004 | Employment in the logistics department of the Olympic games Athens 2004 |
| Date : 11/2004 – 2/2016 | Field worker (external employee) in a market research company |

## PERSONAL SKILLS

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|---|---|
| LANGUAGES | Greek : native speaker<br>English : Certificate of Competency in English, The university of Michigan<br>State Certificate of Foreign Language Proficiency (C1 level)<br>ETS-TOEFL (Test of English as a foreign language 2011)<br>German: Acquired the knowledge during my university studies |
| COMPUTER SKILLS | R-statistical-Language, Python-programming, C++ (10 months of learning experience).<br>I do also participate in Kaggle - competitions in order to improve my coding skills and to learn about new machine learning methods (Kaggle is a platform for predictive modeling and data analytics) |
| BLOG | http://mlampros.github.io/ |
| WEB REPOSITORY | https://github.com/mlampros |

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|---|---|
| DRIVING LICENCE | Car, Motorcycle |

## PERSONAL DATA

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|---|---|
| DATE OF BIRTH: | 06/09/1976 |
| SEX: | Male |
| PLACE OF BIRTH: | Greece |
| MARITAL STATUS : | single |
| HEALTH : | Irritable Bowel Syndrome (IBS) [ affects about 1 out of 10 people according to the International Foundation for functional gastrointestinal disorders (IFFGD) ] |
| FREE TIME ACTIVITIES : | running, swimming, cycling, tennis playing, watching movies |