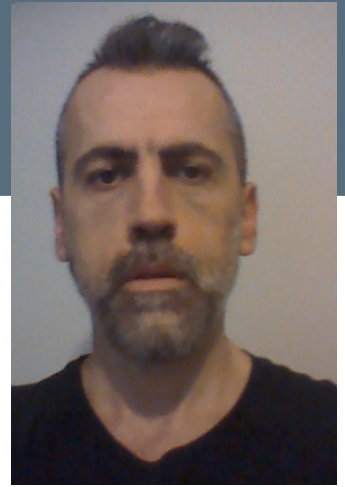


# Lampros Mouselimis

Athens, Greece

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## Cover letter

Dear Sir / Madam,

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 improve the efficiency of internal functions.

I'm the author / maintainer of the following R language CRAN packages :

- **OpenImageR** : An Image processing Toolkit in R
- **KernelKnn** : Kernel k Nearest Neighbors in R
- **ClusterR** : Gaussian Mixture Models, K-Means, Mini-Batch-Kmeans, K-Medoids and Affinity Propagation Clustering
- **textTinyR** : Text Processing for Small or Big Data Files in R
- **geojsonR** : A GeoJson Processing Toolkit
- **fuzzywuzzyR** : Fuzzy string matching
- **GeoMongo** : Geospatial Queries Using PyMongo in R
- **RGF** : Regularized Greedy Forest in R
- **nmslibR** : Non Metric Space (Approximate) Library in R
- **elmNNRcpp** : Extreme Learning Machine
- **SuperpixellImageSegmentation** : Image Segmentation using Superpixels, Affinity Propagation and Kmeans Clustering

Furthermore, I've uploaded the following R packages to my Github account ( <https://github.com/mlampros> ),

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

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**

Diplom of Business Administration, University Tuebingen, Germany

Diplom Thesis : “The effects of the introduction of Euro to the international price policy”

[ According to the German "Higher Education Framework Act" of 20.08.1998 the alternative study system of "Bachelor" and "Masters" Degree with duration 4 to 6 years is equivalent to the university "Diplom" of the traditional German Educational System ]

## Post Graduate Training [ statement of completion ]

### [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)
- Sequence Models (deeplearning.ai)

#### **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)
- Bayesian Statistics: From Concept to Data Analysis (University of California, Santa Cruz)

**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](#)

**Programming Language : Weka**

- 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)

## Work Experience

<b>5/2004 -9/2004</b>	Employment in the logistics department of the Olympic games Athens 2004
<b>11/2004-2/2016</b>	Field worker (external employee) in a market research company

## Languages

<b>Greek</b>	Native speaker
<b>English</b>	<ul style="list-style-type: none"><li>• Certificate of Competency in English (The university of Michigan)</li><li>• State Certificate of Foreign Language Proficiency (C1 level in Greece)</li><li>• TOEFL ibt (Test of English as foreign language 2011, score : 91)</li><li>• TOEFL ibt (Test of English as foreign language 2018, score : 91)</li></ul>
<b>German</b>	I acquired the knowledge during my university studies

# Programming Languages

<b>R</b>	Excellent
<b>Python</b>	Proficient
<b>C++</b>	Proficient
<b>Matlab</b>	Familiar
<b>SQL</b>	Familiar
<b>MongoDB</b>	Familiar
<b>Octave</b>	Familiar
<b>CUDA</b>	Familiar

## Personal Skills

<b>Blog</b>	<a href="http://mlampros.github.io/">http://mlampros.github.io/</a>
<b>Github</b>	<a href="https://github.com/mlampros">https://github.com/mlampros</a>
<b>Operating Systems</b>	I am capable of working on a Linux, Macintosh or Windows operating system
<b>Programming competitions</b>	From time to time I participate in programming competitions (such as in <a href="#">Kaggle</a> ) in order to improve my coding skills and to learn about new machine learning methods.

## Personal Data

<b>Date of Birth</b>	06 <sup>th</sup> September 1976
<b>Sex</b>	Male
<b>Place of Birth</b>	Greece
<b>Marital Status</b>	Single
<b>Health</b>	Irritable Bowel Syndrome (IBS). IBS affects about 1 out of 10 people according to the International Foundation for functional gastrointestinal disorders ( <a href="#">IFFGD</a> )
<b>Driving License</b>	Car, Motorcycle
<b>Free time Activities</b>	<ul style="list-style-type: none"><li>• running, swimming, cycling, tennis playing, watching movies</li><li>• from 2007 to 2010 I was an amateur triathlete</li><li>• since 2006 I participate occasionally in trail running competitions</li></ul>