Matahi MOARII

70 Rue Mouffetard, 75005 Paris, FRANCE

+33(0) 627426484 - matahi.moarii@gmail.com

EDUCATION

Mines Paristech/ Institut Curie	Paris, France

PhD Student in Bioinformatics:
"Learning from multiple genomic information in cancer for diagnosis and prognosis"
Keywords: Machine learning, Epigenetics, Cancer, Computational biology.
Supervisors: Jean-Philippe Vert & Fabien Reyal.

2011-expected june 2015

Ecole Normale Supérieure de Cachan	Paris, France

Masters Degree in Machine Learning and Computer Vision

2010-2011

Ecole Polytechnique	Palaiseau, France

Bachelor Degree in "Applied Mathematics"

2007-2010

Lycée Sainte-Geneviève	Versailles, France

Preparatory school in "Mathematics, Physics and Informatics"

2004-2007

PROFESSIONAL EXPERIENCE

ENS Cachan	Paris, France

Teaching Assistant:
"Machine learning with Kernel Methods"

March – June 2015

Mines Paristech/ Institut Curie	Paris, France

Research Intern:
"Methods for DNA methylation Analysis: Application to breast cancer diagnosis and prognosis"

April – August 2011

Imperial College, London	London, England

Research Intern:
"Propagation of an epidemic in r-regular graphs"

April – June 2010

PUBLICATIONS

Epigenomic alterations in breast carcinoma from primary tumor to locoregional recurrences   2014

Moarii M, Pinheiro A, Sigal-Zafrani B, Fourquet A, Caly M, Servant N, Vert JP, Reyal F.
PLoS One 9(8): e103986.

Changes in gene expression control by DNA methylation in cancer   2015

Moarii M, Boeva V, Vert JP, Reyal F.
In preparation

Integrative DNA methylation and gene expression data to assess the universality of the CpG island methylator phenotype   2015

Moarii M, Reyal F, Vert JP.
In Preparation

SKILLS

Software	MS Office (Word, Excel, Access, PowerPoint), LaTeX, Inkscape, GIMP.
Programming Languages	R, MATLAB, knowledge in C/C++ and Python
Language	French: Native English: Fluent Spanish: Intermediate Japanese: Beginner