

Thomas DIAS ALVES

Machine Learning and Data Science R&D

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Profile

Finishing my PhD in Machine Learning after my engineering school, I am looking for an opportunity in machine learning, data science and software engineering. I build methods and applications to visualize, explore, and predict data.

Experience

2014 - 2017 **PhD in Machine Learning for medicine with** 🌐 **TIMC** and 🌐 **INRIA** (*Grenoble, France*)
Machine Learning for applied medicine : Imputation and Phasing Building an algorithm of local clustering available in Python and R.

Teaching Assistant at 🌐 **ENSIMAG** (*Grenoble, France*)
3 years of teaching at ENSIMAG : Algorithmic, Numerical Methods, Language C.

February - August 2014 **Internship at** 🌐 **Microsoft** (*Paris, France*)
Created a pipeline of deduplication in Microsoft's Big Data analysis platform (COSMOS). The solution was mainly based on Natural Language Processing.

July - August 2013 **Internship at** 🌐 **FLORALIS** (*Grenoble, France*)
Estimation of breast cancer overdiagnosis using simulations and Bayesian methods.

Education

2011 - 2014 **MS in Computer Science** 🌐 **ENSIMAG** (*Grenoble, France*)
School of Computer Science and Applied Mathematics.
Main Projects : Segmentation semi-automatic of organs in images, Compiler for object oriented language, MIPS Simulator

2009 - 2011 **Preparatory classes : two-year undergraduate intensive course in mathematics and physics.**
(*Rouen, France*)
MPSI - MP*

Programming Skills

Programming Languages Python, C, C++, R, Java, C#, Web (HTML, CSS, Javascript), SQL

OS Linux, Windows

Misc Latex, Bash, Git, Markup languages

•  github •  linkedin