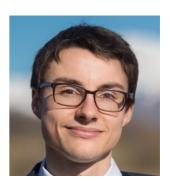# Thomas DIAS ALVES

Machine Learning and Data Science R&D

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Eybens, France

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.
Algorithm of local clustering available in Python and R.

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

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 ● ● in linkedin