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.
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.
Specialized in Applied Mathematics Modelling, Image Processing and Statistics

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

Skills

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

OS   Linux, Windows

Applied Mathematics   Statistics, Optimization, Machine Learning, Natural Language Processing

Misc   Latex, Bash, Git, Markup languages, D3.js, Jupyter

● ○ github   ● ○ **in** linkedin