

Thomas DIAS ALVES

Machine Learning, Data Science R&D

☎ +33 6 13 79 67 25
✉ thomas.diasalves@gmail.com
Grenoble, France



Senior Data Scientist, I am curious to solve problems and engineer efficient solutions.

Experiences

- 2017 - present **Senior Data Scientist at** **HP**
Deploy worldwide models to optimize pricing for printers. Establish best practices for Data Science in a growing data team.
- Data Scientist at** **HP**
Create data pipelines and ML models for European 'Sales and Channel' teams: estimate sales quota, predict inventory, opportunity optimization for call centers and product recommendation.
- 2014 - 2017 **Ph.D. in Machine Learning for Medicine with** **TIMC** and **INRIA**
Design and implement algorithm of local clustering available in Python and R (GitHub)
- Teaching Assistant at** **ENSIMAG**
Teacher at ENSIMAG for three years: Algorithmic, Numerical Methods, Language C.
- February - August 2014 **Internship at** **Microsoft**
Build a deduplication pipeline in Microsoft's Big Data analysis platform (COSMOS) with NLP.
- July - August 2013 **Internship at** **FLORALIS**
Estimate of breast cancer overdiagnosis using simulations and Bayesian methods.

Education

- 2011 - 2014 **MS in Computer Science** **ENSIMAG**
School of Computer Science and Applied Mathematics. Mathematical modeling, Image and Simulation.
- 2009 - 2011 **Preparatory classes: a two-year undergraduate intensive course in mathematics and physics.** (*Rouen, France*)
MPSI - MP*

Skills

- Programming Languages Python, R, C, C++, SQL, Java, C#, Web (HTML, CSS, Javascript)
- Applied Mathematics Statistics, Optimization, Machine Learning, Numerical methods
- Misc Spark, Latex, Bash, Git, Markup languages, Jupyter

Additional Information

- Languages French, English
- Interests Rock climbing, drawing, cycling and science!