

DataScientist

Rony Rozas



Skills

Scientifics

Machine Learning	Decision trees, K-Nearest Neighbors, Gradient Boosting Machine, Neural networks, Random Forest, K-Means, Support Vector Machine
Statistics	Linear regression, Estimators, Statistical hypothesis testing, ANOVA
Optimization	Dynamic programming, Constraint programming, Linear programming, Multi-objective optimization, Combinatorial optimization, Metaheuristics

Computer Science

Languages	Python (Numpy, Scipy, Pandas, Scikit-learn) , R, Java, C++, C, Bash		
Analytics	Penthao, Tableau Software, Business Catalyst		
Big Data	Hadoop, Hive, Pig, Spark	Database	MySQL, PosgreSQL
Indexation engine	SolR, Elasticsearch	Tools	Matlab, Maple, Octave

Transversal

Intellectual	Analysis and synthesis capacity, Organization, Conceptualization, Ability to conduct an information and technology watch
Social	Creation of competence networks, Communication, Good listening skills, pedagogy

Contact

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Français, 32 ans
French : Mother tongue
English : Professional
Spanish : Notions

References

Patrick Marty
Search Engine Manager
FNAC
marty.patrick@gmail.com

Stéphane Soulier
Sénior DataScientist
Pretty Simple
stephane@soulier.com

Patrice Aknin
Scientific Director
IRT SystemX
patrice.aknin@ifsttar.fr

Interests

Volley-ball, Roller-skates,
Salsa, Kaggle,
Datascience.net

Experience

2015 - Now	DataScientist / Search Engine Engineer - LeGuide Group Improve search results relevance using datamining and machine learning tools : <ul style="list-style-type: none">Using supervised and unsupervised classification methods applied to the categorization of millions of products in thousands of categoriesOptimization of advertising and SEO campaignsAnalysis and rewriting of user search queries	Paris, France
2014 - 2015	Consultant DataScientist - Quantmetry Consulting with major players in the insurance, banking, complementary health and car rentals : <ul style="list-style-type: none">Predicting the palatability of a customer to take a loan.Fraud detection in a mutual health insurancePredicting the probability of a new transaction for a customer given his transaction history	Paris, France
2010 - 2014	PhD candidate in Applied Mathematics - GRETTIA / IFSTTAR Projet with Bombardier : <ul style="list-style-type: none">Conception of a decision support tool to reduce the risk of downtime and ensure a high level of safety for train doors.Establishment of a technical optimization of maintenance parameters.Probabilistic modeling of reliability.	Marne-la-Vallée, France
2010 - 2014	Teacher - Université Paris-Est Créteil Software engineering, algorithmic, object-oriented programming (Java), imperative programming (C)	Créteil, France

Education

2014	PhD – Computer Science and Applied Mathematics	Université Paris-Est
2009	Master – Computer Science and Telecom speciality : Artificial intelligence	Université Paul Sabatier