

Florestan De Moor

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Education

2018–2019 **2nd year Master Degree in Computer Science**
ENS Rennes, Bruz and University of Rennes 1, Rennes, France

2017–2018 **Research internships abroad**
ENS Rennes, Bruz, France

2016–2017 **1st year Master Degree in Computer Science**
ENS Rennes, Bruz and University of Rennes 1, Rennes, France
Compilation, Operating Systems, Distributed Systems, Signal Processing, Statistical Learning, Experimental Bioinformatics, Real Time Systems, Cloud and Big Data, Databases, Information Theory

2015–2016 **Bachelor Degree in Computer Science**
ENS Rennes, Bruz, and University of Rennes 1, Rennes, France
Formal Languages and Calculability, Logic, Algorithmic, Programming, Architecture and Systems, Image Processing, Lebesgue Integration, Probabilities, Networks

2013–2015 **"Classes Préparatoires aux Grandes Ecoles"**
Lycée Pierre Corneille, Rouen, France
Mathematics, Physics, Chemistry, Computer Science, French, English

Publications

- ▷ Joseph Vinish D'silva, Florestan De Moor, and Bettina Kemme. **AIDA - Abstraction for Advanced In-Database Analytics**. *PVLDB*, 11(11):1400–1413, 2018.
- ▷ Antoine Boutet, Florestan De Moor, Davide Frey, Rachid Guerraoui, Anne-Marie Kermarrec, and Antoine Rault. **Collaborative Filtering Under a Sybil Attack: Similarity Metrics do Matter!** In *48th Annual IEEE/IFIP International Conference on Dependable Systems and Networks, DSN 2018, Luxembourg City, Luxembourg, June 25-28, 2018*, pages 466–477, 2018.

Experience

January, 15th – June, 15th, 2018 **Research internship, with Bettina Kemme and Joseph D'silva**
School of Computer Science, McGill University, Montreal, Quebec, Canada
Beyond Table User-defined Functions: Virtual Tables in MonetDB

Sept., 18th – Dec., 15th, 2017 **Research internship, with Leonardo Aniello and Daniele Ucci**
CIS, Sapienza Università di Roma, Rome, Italy
Privacy-Preserving Information Sharing with Count-min Sketches

May, 15th – August, 15th, 2017 **Research internship, with Jingjing Wang and Rachid Guerraoui**
Distributed Programming Laboratory, EPFL, Lausanne, Switzerland
Performance of an Efficient Commit Protocol

September 2016 – May, 2017 **1st year Master Degree Project, with Dominique Lavenier**
IRISA, Rennes, France
Evaluating a *Processing-in-Memory* Architecture with the k -means Algorithm

May, 23rd – July, 22nd, 2016 **Research internship, with Davide Frey and David Bromberg**
Team ASAP, IRISA, Rennes, France
User Privacy in Recommendation Systems

January 2016 – May 2016 **Teaching assistant in "Classes Préparatoires aux Grandes Ecoles"**
Lycée Chateaubriand, Rennes, France
Practical work with 1st year students from department of biology: Python programming, 4h per week

Languages

French Mother tongue
English Fluent (TOEIC 965/990, March 2017)
German Basic

Computer Skills

Languages PYTHON, JAVA, C/C++, BASH, SCALA, SQL, OCAML
Libraries NumPy, Matplotlib, Hadoop, Spark
VCS git, subversion
Databases MonetDB, SciDB
Graphics Gimp, Inkscape
Office \LaTeX , LibreOffice

Misc

Driving French driving license (permis B), 2014