

# Martin Gubri

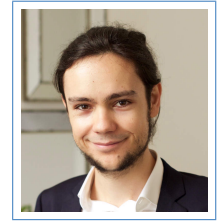
Looking for a PhD in ML Security

Pessac, France

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📄 [gubri.eu](http://gubri.eu)

21 Oct. 1991



## Education

- 2014–2015 **Specialized Master, Data Science, Ensaie ParisTech, with high honor.**  
Courses on both theoretical & applied aspects of Machine Learning, Data Analysis & Econometrics with a emphasis on Computer Science & Big Data Processing and Analysis.
- 2012–2014 **Master's Degree, Statistics and Econometrics, Toulouse School of Economics, with highest honor (head of the class, 1<sup>st</sup>/28).**  
Courses on Statistics, Data Analysis, Econometrics, Applied Mathematics & Programming.
- Since 2013 **MOOC, Coursera.**  
Neural Networks and Deep Learning, Improving Deep Neural Networks, Structuring Machine Learning Projects, Computing for Data Analysis, Data Analysis, Computer Networks.
- 2011–2014 **Magister Degree, Economics and Statistics, Toulouse School of Economics & Paul Sabatier University, with highest honor (3<sup>rd</sup>/16).**
- 2011–2012 **Bachelor's Degree, Economics and Mathematics, Toulouse School of Economics.**
- 2009–2011 **Classe préparatoire aux grandes écoles, Lycée Montaigne, Bordeaux.**  
Khâgne & Hypokhâgne B/L, Humanities, Social Science & Mathematics.

## Work and volunteer experiences

- Since Oct. 2017 **Freelance Data Scientist & Independent Researcher.**  
Freelance working on Machine Learning, Data Analysis, Sampling design, Data Visualization, Big Data & Web Scraping. Independent Researcher on ML Security between contracts.
- Since Jan. 2017 **Information Security contributions.**  
26 XSS, RCEs on TeleMath server, etc. See full list of vulnerabilities on [gubri.eu](http://gubri.eu).
- Oct. 2015 — **Ford–Mozilla Technology Exchange Fellow, ONG Derechos Digitales, Chile.**  
Oct. 2016 Developer, Statistician and Technology Referent for various projects and reports about Computer Security, Privacy, Personal Data Protection, Cryptography, Net Neutrality & Censorship.
- Jun. 2015 — **R package development, Google Summer of Code for the R foundation.**  
Aug. 2015 Implementation of state-of-the-art predictors for Spatial Regression Models in *spdep*, the main R package for Spatial Statistics. Mentored by Roger Bivand & Giovanni Millo.
- Jun. 2014 — **Junior Researcher in Applied Spatial Econometrics, Blwhere consulting, Paris.**  
Apr. 2015 Development of new methods to improve predictions using spatial interaction models for a business use case (intern for 3 months and employee later).
- Since 2012 **Member of the board of directors of Framasoft.**  
Major French-speaking FLOSS promoting non-profit organization. Co-president in 2017.

## Publication

Gubri, M. (2018). Adversarial Perturbation Intensity Achieving Chosen Intra-Technique Transferability Level for Logistic Regression. *arXiv:1801.01953 [cs, stat]*. (link, pdf, code)

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## Computer skills

Programming	Python, R (incl. tidyverse), Bash, Html/Css, C (basis)
ML/Stats	Scikit-learn, Statsmodels, R Stats Package, Spdep, Rpart, Caret, <i>i.a.</i>
Deep Learning	TensorFlow (basis), Keras (basis)
Database	MySQL, PostgreSQL, SQLite, MongoDB, DynamoDB, Oracle
VCS	Git
OS	GNU/Linux, Windows, MacOS
Office	L <sup>A</sup> T <sub>E</sub> X, LibreOffice, MS Office
Miscellaneous	Matplotlib, Seaborn, Scrapy, Flask, Bottle, Pig, Hdfs

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## Linguistic skills

English	Good fluency TOEFL iBT Score: 101/120
French	Native language
Spanish	Good fluency

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## Interests

FLOSS, ML, Security, Statistics, Privacy, Skiing, Climbing