Clément Bonet

Curriculum Vitae

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🌐 https://github.com/clbonet

Education

2020
2023

Laboratoire de Mathématiques de Bretagne Atlantique (LMBA), PHD, *Université Bretagne Sud*, Vannes, Bretagne, France
Bridging the Gap between Stochastic Methods and Deep Learning. Supervisors: François Septier, Nicolas Courty and Lucas Drumetz.

2019
2020

Ecole Normale Supérieure Paris-Saclay, Master 2 MVA (Mathematics, Machine Learning and Computer Vision), Cachan, France.
Convex Optimization, Computational Statistic, Probabilistic Graphical Model, Deep Learning, Kernel Methods, Bayesian Machine Learning. High Honors.

2017
2020

Télécom Paris, Paris, France
Majors: Data Science, Random Modelization and Scientific Computing.

Professional Experiences

Teaching Assistant

2021

Mathematic Statistics (L3), *Université Bretagne Sud*, Vannes, France

Internships

2020

Research Internship, *MAP5*, Paris, France
Supervisors: Raphaël Lachièze-Rey, Pierre Latouche and Antoine Marchina.

Study of a subsampling algorithm using Gaussian Random Fields (`https://github.com/clbonet/Internship-MVA`).

2019

Data Analyst Internship, *Sodexo Benefits & Rewards Services*, Ixelles, Bruxelles

Establishment analysis of VISA and MasterCard reimbursement data as part of the replacement affiliate scholarship.

2018

Web Development Internship, *ZenyWay*, Paris, France

I developed the frontend interface of ZenyPass, a password manager.

Publications

[1] Clément Bonet, Titouan Vayer, Nicolas Courty, François Septier, and Lucas Drumetz. "Subspace Detours Meet Gromov–Wasserstein". In: *Algorithms* 14.12 (**2021**), p. 366.

Preprints

[2] Clément Bonet, Nicolas Courty, François Septier, and Lucas Drumetz. *Sliced-Wasserstein Gradient Flows*. **2022**.

Other Research Experiences

Reviews | I have reviewed at different conferences: ECML2021, OTML2021, AISTATS2022.

Talks

13/12/2021 | Subspace Detours Meet Gromov-Wasserstein. Spotlight poster at the Neurips Workshop OTML2021.

18/11/2021 | Sliced-Wasserstein Gradient Flows. GDR ISIS OTML.

Languages

French | Native Speaker | ★★★★★

English | 623/677 TOEFL ITP (January 2019) | ★★★☆☆

German | Abitur in 2015 | ★★☆☆☆

Skills

Programming | Python ★★★★☆, LateX ★★★☆☆
Basic | R, Java, C, C++, SQL, HTML, CSS, Javascript.

Data Science | Scikit-learn, Pytorch

Tools | Git | *Program Version Control and Program Repositories.*
OS | Linux | *Daily use.*