Martin Gjorgjevski

CONTACT INFORMATION

GIPSA-Lab, CNRS
11 Rue de Mathématiques
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EDUCATION

Ph.D. in Progress Université Grenoble Alpes, EEATS, Grenoble, France

Dissertation Principal Advisor: Nicolas Keriven

Co-supervisors: Simon Barthelmé, Yohann De Castro

Dissertation Title: *Random Graphs in Machine Learning*

Master., Probability and Statistics, ENS Lyon, Lyon, France **September 2022**

Senior Thesis Advisors: Nicolas Keriven, Simon Barthelmé and Yohann De Castro

Grade: 16/20

Report Title: *The Graphical Nadaraya-Watson Estimator*

EMPLOYMENT

Doctoral Student, CNRS, France **November 2022–Present**

Thesis topic is based on several domains: Graph Machine Learning, Graph Signal Processing, and Statistical Machine Learning. Related domains studied during the thesis: Kernel Methods, Nonparametric Statistics, Latent Position Models, Graph Representation Learning.
Open to proposals for theoretical research in the broader field of Machine Learning and Deep Learning as well as computational (software oriented) task-specific projects.

HONORS AND AWARDS

Ampere Scholarship, ENS Lyon
Scholarship based on previous academic excellence **2021–2022**

Best Student award
Highest GPA in the mathematics department on a **National level**, Skopje, North Macedonia, **2021**

Student scholarship
Government awarded scholarship from the Ministry of Education and Science of the Republic of North Macedonia award on the basis of academic excellence **2017–2020**

ENGENEERING STUDENTS UNDER SUPERVISION

Patrice Dake **May-Present 2025**
Working on implementation of (graph) machine learning algorithms in python

COMPUTER SKILLS

Proficient in Python (pandas, numpy, sklearn, matplotlib, PyTorch)

Experience in git, C++, Bash, the Linux OS. Markup languages: LaTeX.

Software—Contributions can be found at https://github.com/mgjorgje. Some software is kept in private repositories and may be made available upon further request.

SOFT SKILLS

Scientific Communication (oral presentations and poster sessions at numerous conferences and seminars[1]), Critical Thinking, Problem Solving, Adaptability, Time Management.

[1] List available upon request

Conference Papers

1. **Gjorgjevski, M.**, Keriven, N., Barthelmé, S., De Castro, Y., *The Graphical Nadaraya Watson Estimator in Latent Position Models*
   GRETSI 2023 - XXIXème Colloque Francophone de Traitement du Signal et des Images
2. **Gjorgjevski, M.**, Keriven, N., Barthelmé, S., De Castro, Y., *Graphical Kernel Ridge Regression in Latent Position Models* **under review for GRETSI 2025**

Journal Papers

1. **Gjorgjevski, M.**, Keriven, N., Barthelmé, S., De Castro, Y. *Node Regression on Latent Position Random Graphs via Local Averaging*, [arXiv:2410.21987] **under review in JMLR**.

References

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