

PERSONAL INFORMATION

Vasilii Feofanov

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🌐 <https://vfeofanov.github.io/>

Gender Male | Nationality Russian



EDUCATION AND TRAINING

2018 – Present **PhD Candidate**

Institution Grenoble Alpes University, France

Topic Variable selection and learning with partially labelled data

Supervisors Massih-Reza Amini and Émilie Devijver

2017 – 2018 **Master 2 of Science**

Institution Grenoble Alpes University, France

Specialization Data Science

GPA 16.2/20 (Mention: Très Bien)

2016 – 2017 **Master 1 of Science**

Institution Grenoble Alpes University, France

Specialization Computer Science

GPA 13.5/20 (Mention: Assez Bien)

2012 – 2016 **Bachelor of Science**

Institution Saint-Petersburg State University, Russia

Specialization Applied Mathematics and Computer Science

GPA 4.3/5

WORK EXPERIENCE

February 2018 – July 2018 **Research Intern**

Employer Grenoble Computer Science Laboratory (LIG), France

Topic Multiclass semi-supervised learning through pseudo-labelling

Supervisors Émilie Devijver and Massih-Reza Amini

May 2017 – July 2017 **Research Intern**

Employer Inria Grenoble-Rhône-Alpes Research Center, France

Topic Feature analysis of backfilling heuristics.

Supervisors Denis Trystram and Valentin Reis

2014 – 2016 **Private Tutor**

- Responsibility
- High school students: math, computer science
  - University students: calculus, probability, statistics

## PERSONAL SKILLS

Mother tongue Russian

Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	B1	B1	B1	B1	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user  
[Common European Framework of Reference \(CEF\) level](#)

Computer skills

- Programming Languages: Python, R, C++, C, C#, Matlab, SQL
- Data Science Tools: scikit-learn, numpy, pandas, joblib, pyplot, r dataframes, ggplot
- Markup Languages: Latex, HTML(CSS)
- Work Experience in Programs: Microsoft Office, Statistica, Microsoft SQL Server, Oracle
- Operating Systems: Linux, Windows

## ADDITIONAL INFORMATION

**Conferences** CPS'16: International Scientific Conference on Control Processes and Stability (Student Paper)  
 CAp'18: French Conference on Machine Learning (Poster)  
 AAAI'19: Conference on Artificial Intelligence (Paper, 16.2% Acceptance Rate)  
 PFIA'19: Artificial Intelligence Platform (Invited Talk)

**Publications** Feofanov V., Devijver E., Amini M. – "Transductive Bounds for the Multi-class Majority Vote Classifier". In *Proceedings of the Thirty-Third AAAI Conference on Artificial Intelligence*, (AAAI-19), 2019  
 Feofanov V., Devijver E., Amini M. – "Multi-class Probabilistic Bounds for Self-learning". (Journal Submission)  
 Feofanov V., Devijver E., Amini M. – "Semi-supervised Wrapper Feature Selection with Genetic Algorithm". (Journal Submission)

**Ongoing Projects** A Self-learning Strategy for Semi-supervised Learning with Unseen Class Discovery.  
 A Machine Learning Approach to Identify CRISPR-Cas Types. In collaboration with the Institute for Integrative Biology of the Cell (I2BC).

**Honours and awards** French Government Scholarship, 2016

**Reviewing** NeurIPS 2019; NeurIPS 2020 (top 10% best reviewers); ICML 2021 (expert reviewer)

**Teaching** Statistical Analysis and Document Mining, Spring 2019, 2020, 2021  
 Modeling Seminars and Projects, Autumn 2019

**Competitions** Hackathon "Data Science Game 2018". Qualification: 13th place (128 teams). Final Stage: 6th place (20 teams).