Francesco Agrimonti

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Publications

○ *Agrimonti F., Bressan M. and d'Orsi T.,*
On Finding Randomly Planted Cliques in Arbitrary Graphs,
preprint: https://arxiv.org/pdf/2505.06725,
APPROX 2025

Education

20/21–23/24	**Master's degree in Mathematics**, *Università degli Studi di Milano Statale*, Milan, 110 Cum Laude	(GPA: 28.21/30)
16/17–19/20	**Bachelor's degree in Mathematics**, *Università degli Studi di Parma*, Parma, 103	(GPA: 26.54/30)
11/12–15/16	**High school**, *Liceo Classico G.D. Romagnosi*, Parma, *88*	

Master's thesis

title	*Efficient Algorithms for Semirandom Variants of the Maximum Balanced Biclique and Max Clique Problems*
supervisors	Prof. Marco Bressan, Prof. Tommaso d'Orsi
description	Research-oriented thesis, in which my supervisors and I designed new efficient algorithms for semirandom variants of the planted clique and planted balanced biclique problems posed by Feige.

Bachelor's thesis

title	*Un'introduzione alle Varietà Affini e Proiettive*
supervisor	Prof. Adriano Tomassini
description	Expository introduction to fundamental topics in algebraic geometry, focusing on foundational concepts and classical results.

Languages

Italian	Native
English	C1 (IELTS Academic, overall score: 8)

Experience

June 2015–July 2015	**Internship at the company SiGRADE S.P.A.**, Parma I learned how to code applications for Android mobile phones utilizing Java and I worked together with a team in the development of a mobile application that could be used internally by SiGRADE employees to report and track projects.

Computer skills

Languages	C, C++, MATHPROG, MATLAB, Python, Java, LaTeX
Softwares	AMPL, video editing softwares, Vim, Inkscape
Operating Systems	Debian, Ubuntu, Linux Mint, Windows, Mac OS