Curriculum Vitæ

Name :	Rohan Fossé	**Phone number :**	+33 687892497
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EDUCATION

PhD candidate in Computer Science *2017 - Present*
École doctorale Mathématiques et Informatique, Bordeaux (France)
| *Subject* : SAT solvers in a massively parallel context
| at LaBRI, supervised by Laurent Simon

Master of Theoretical Computer Science *2015 - 2017*
Université de Bordeaux (France), Collège Sciences et technologies
| *Internship* : Etude du comportement des solveurs SAT
| at LaBRI, supervised by Laurent Simon

Bachelor of Computer Science *2014 - 2015*
Université de Bordeaux (France), Collège Sciences et technologies
| *Internship* : Nim Game
| at LaBRI, supervised by Eric Sopena

Preparatory class in Mathematics and Computer Sciences *2012 - 2014*
| EISTI (Ecole Internationale des Sciences de l'Information), Cergy-Pontoise

PUBLICATIONS

SAT EST IN BONO LOCO. Oui mais combien ? et où ?
| R. Fossé, M. Lamine Lamali and P. Ouvrard
| Manuscript submitted for publication *2020+*

SAT Formulation and Approximation Hardness of Genome Scaffolding
| T. Davot, R. Fossé, A. Chateau and R. Giroudeau
| Manuscript submitted for publication *2020+*

On the Non-degeneracy of Unsatisfiability Proof Graphs Produced by SAT Solvers
| R. Fossé, L. Simon
| Principles and Practice of Constraint Programming (CP18), Lille (France) *2018*

TALKS

| ProGRESS seminar at *LaBRI*, Bordeaux (France) *2019*
| Doctoral Program of Principles and Practice of Constraint Programming, Lille (France) *2018*
| On the Non-degeneracy of Unsatisfiability Proof Graphs Produced by SAT Solvers, Lille (France)
| *Journées Graphes et Algorithmes*, Bordeaux (France) *2017*

TEACHING

ENSEIRB-MATMECA   *2017-2022*
| Algorithmique et Structure de données (1st year Engineer) - **Course leader**   *2022*
| Programmation Web (1st year Engineer) - **Course leader**   *2022*
| Algorithmique Distribuée (2nd year Engineer) - **Course leader**   *2022*
| Programmation Impérative (1st year Engineer)   *2017-2022*
| Introduction au C (1st year Engineer)   *2017-2020*
| Les Réseaux Internet (1st year Engineer)   *2017-2020*
| Gestion de projet (1st year Engineer)   *2018-2020*
| Programmation Réseau (1st year Engineer)   *2017-2018*

Total : 384 hours

University of Bordeaux   *2014 - 2017*
| **Computer science tutoring**
The goal of this tutoring is to help bachelor students in computer science in several courses related to computer science such as introduction to computer science, programming, algorithmic and so on.
| **Practical lessons teaching assistant**
The goal is to help the teacher during practical lessons (on computers) by answering first-year students' questions who are making their first steps in computer science. This is an introduction to computer science course and the programming language is Python.

Total : 45 hours

OTHER

Member :

| PhD student association Afodib, as Treasurer, then member (2017 - present)
| MATh.en.JEANS (2018 - 2019)
| Maths à modeler (2017 - 2019)
| Elected member of the LaBRI laboratory board (2018 - 2020)
| Participation in the organisation of the LaBRI doctoral school day (2018 - 2020)
| Elected member of the Council of Engineering and Digital Sciences of the University of Bordeaux
| Founding member of the "Interasso" group, which brings together several doctoral student associations on campus.

Organizing committee
| JGA (Journée des Graphes et Algorithmes), Bordeaux (France) (2017)
| EJCIM (L'École de Jeunes Chercheurs en Informatique Mathématique), Bordeaux (France) (2020)

Reviewer :
| Doctoral Program CP 2018

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