

Date of birth: 11 September 1997

Nationality: French

Email address : mblanc (at) crans (dot) org

Experience

July 2025-: Postdoctoral Researcher at IT Universitet i København.

Education

2022-2025: PhD student under the supervision of Nathalie Aubrun (LISN) and Olivier Bournez (LIX). Defence: 28th of May 2025.

2021-2022: Master's degree in fundamental computer science (M2 "Master Parisien de Recherche en Informatique").

2020-2021: Preparatory classes for "Agrégation de mathématiques" at ENS Paris-Saclay.

2019-2020: Master's degree in fundamental computer science (M1 "Voie Jacques Herbrand") in ENS Paris-Saclay.

2017-2019: Bachelor's degree in fundamental computer science (L3) at ENS Cachan.

2015-2017: Preparatory classes (intensive program to prepare examinations to enter in leading French "Grandes Écoles") MPSI and MP at Lycée Montaigne in Bordeaux.

2015: High-school diploma at Lycée de l'Image et du Son d'Angoulême.

Work Experiences and Internships

March 2022-August 2022: Internship with Olivier Bournez at École Polytechnique, France.

Subject: Complexity theory with Discrete Differential Equations/Finite differences

2021-2022: Supervision of mathematics oral examinations in Lycée Lakanal for MPSI students.

February 2020 - August 2020: Internship with Kristoffer Arnsfelt Hansen in Århus Universitet, Denmark.

Subject: Computational Complexity in Game Theory: Multi-player games, Equilibria, and Fixed Points

Summer 2019: Internship with Pascal Fontaine in Université de Nancy, France.

Subject: Subtropical methods and non-linear arithmetic for SMT

2018-2019: I worked at the university library in ENS Cachan, as a librarian.

Summer 2018: Internship with Hugo Gimbert in Université de Bordeaux, France.

Subject: Strategic Manipulability of Matching Algorithms

2017-2018: Supervision of high-school students in mathematics and physics at INSEP, France.

Others

Reviews : Subreviewer for CiE 2023, UCNC 2024, CASC 2025, MFCS 2025, DISC 2025.

Administration : I handled and organise the AICo seminar (Sept. 2022 - June 2025) and the IDIA seminar.

Languages

- French (native)
- English (C2)
- Spanish (B2)
- Danish (B2)