

Adrien Obrecht

École Normale Supérieure of Lyon, France

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Education

École Normale Supérieure de Lyon

BACHELOR AND MASTER DEGREE IN COMPUTER SCIENCE

Lyon, France

2021 – 2025

Lycée Saint Louis

MATHS & PHYSICS PREPARATORY PROGRAM

Paris, France

2019 – 2021

Research Internships

Stochastic scheduling using bandit models

SUPERVISORS: BRUNO GAUJAL & NICOLAS GAST

LIG, Grenoble, France

January – July 2025

Scheduling with predictions for Mixture of Expert models

SUPERVISOR: LORIS MARCHAL

- Proven new theoretical properties on a new layered paging problem
- New algorithms and experiments on real life traces

ETS Montreal, Canada

September – December 2024

Scheduling task graphs for average memory consumption reduction

SUPERVISORS: LORIS MARCHAL & ANNE BENOIT

- Solving the Sum Cut and Linear Arrangement problem on different classes of graphs
- Heuristics and approximation algorithms to optimize the average memory footprint

LIP Lyon, France

February – July 2024

Online Scheduling of Moldable Task Graphs

SUPERVISORS: PADMA RAGHAVAN & HONGYANG SUN

- Approximation scheduling algorithms

Vanderbilt University, Nashville, USA

May – July 2023

Instruction scheduling for the optimization of cryptographic primitives

SUPERVISOR: VINCENT LAPORTE

- Low level instruction reordering, preserving cryptographic properties

INRIA Nancy, France

June – July 2022

Publications

PAPER TITLE NUMBER 1

MOI LOL

2009-10-01

Journal 1

Seminars & Conference Talks

2023

Workshop on Scheduling for large-scale systems

Knoxville, USA

2024

Workshop on Scheduling for large-scale systems, Scheduling for average memory

Aussois, France

2024

Natural Language Processing conference, MILA

Montreal, Canada

Talks

2012-03-01

Talk 1 on Relevant Topic in Your Field

San Francisco, CA, USA

Leadership & Community Service

TFJM² (French tournament for young mathematicians)

JURY & ORGANISER

Lyon, France

2021-2025

Skills

Programming

Python, C, C++, OCaml, Java, Bash, TeX

Reverse Engineering

IDA, Ghidra, CE, PRINCE

Project Management

Git (Agile, CI/CD), Docker

Activities

Sports

Hiking, skiing, running

Music

Clarinet, student orchestra

Competitive programming

- ICPC regional qualifier in Milano, 2023 (placed 45th)
- Online platforms: Codeforces, Leetcode, CodingGames
- Online optimizations contests: Meritis Challenge, Google Hash Code, Reply Challenge

Other

Citizenship French

Languages French (native), English C2, German B1 (basics), Italian A1/A2 (beginner)