Guillaume Aubian

28 April 1994 (Age 25)

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Natural Languages

English

French

Spanish

Programming Languages

C++

HTML /JS

Java

LaTeX

OCaml

Python

SQL

Experience

| 2019- 2020 | **M2 MPRI** | P7, registered through ENS Paris-Saclay |
| | Focus on Graphs and Algorithms | |

| 2018- 2019 | **Google Software Engineer** | Zurich |
| | Worked as a software engineer for Google. | |

| 2016- 2017 | **Attended some courses of master MODO** | Paris-Dauphine, Mines-Paris |
| | Only attended theoretical courses, not those on running companies. | |

| 2014-2017 | **Computer Science Department** | ENS Paris-Saclay |

Normalien élève (getting paid for attending courses). Validated a L3 and a M1, with various themes such as : Robotics, Probability, Lambda-Calculus, Cryptography, Combinatorial and convex optimization, Complex Analysis, (Advanced) Algorithms, Formal Languages, Semantics, Logic, Semantics, Programmation, Calculability and various projects.

| 2012- 2014 | **«Classes Préparatoires aux Grandes Écoles»** | MPSI-MP |
| | Specialized in Mathematics, Physics and Computer Science | |

Awards

2020	**Codin'Night**	1st on ≈ 3000 participants, winning $4000€$
2018 2019 2020	**Battle Dev**	4th & 5th & 3rd on ≈ 8000 participants
2017	**Le Shaker**	2nd on ≈ 3200 participants
2017	**Meilleur Dev' de France**	5th on ≈ 2000 participants
2015 2017	**Google Hash Code**	43th & 64th on ≈ 9000 teams
2015 2016 2017	**ACM-ICPC SWERC**	21st & 27th & 26th on ≈ 80 teams
2015	**Prologin**	27th on ≈ 1000 participants

Internships

| 2016 | **Four months Research in Machine Learning & Parallelism** | EPFL |
| | Parallelized a gradient descent algorithm on Android devices | |

| 2015 | **Two months Research in Graph Theory** | ENS Lyon |
| | Tried partitioning k-regular graphs G in $\frac{|V(G)|}{k+1}$ disjoint paths | |

Activities

| 2018-… | **Teams' coach** | ENS Paris-Saclay |
| | Coach all ENS teans for ACM-ICPC SWERC | |

| 2018-2019 | **Interviewer** | Google |
| | Organized interviews to select people willing to join google | |

| 2018-2019 | **Code Jam Judge** | Google |
| | Created problems for Google Code Jam. | |

| 2014-… | **Algorithmic Club founding and active member** | ENS Paris-Saclay |
| | Organized conferences and several training sessions | |

| 2015-2017 | **Active organizer of national algorithmic contest** | Prologin |
| | Created and corrected written and machine algorithmic problems | |

| 2017-2018 | **ARES President** | Paris-Saclay University |
| | President of the Association Réseau Étudiante de Saclay | |

| 2015-… | **Cr@ns Active Member** | ENS Paris-Saclay |
| | Active member of the ENS's network association | |