

Florentin GUTH

PERSONAL DATA

DATE OF BIRTH: 20 February 1997
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EXPERIENCE

JUNE-AUGUST 2017 | **Research intern** at ETH ZÜRICH, Switzerland.
I developed a tool able to infer automata describing contract interactions on the *Ethereum* blockchain. We are currently writing a paper following from my work.
Under the supervision of Dr. Valentin Wüstholtz and Pr. Peter Müller.

EDUCATION

2017–2019 | **Master degree in Computer Science**, ÉCOLE NORMALE SUPÉRIEURE, Paris, France.
(ongoing)

2016–2017 | **Bachelor degree in Computer Science**, ÉCOLE NORMALE SUPÉRIEURE, Paris, France.
With highest honors, GPA 4.00 (18.33/20).
[Complete list of courses and grades.](#)

2014–2016 | **Classe préparatoire**, LYCÉE DU PARC, Lyon, France.
With highest honors.
Intensive undergraduate courses in Mathematics, Physics, and Computer Science.

2011–2014 | **Baccalauréat**, LYCÉE LÉON BLUM, Le Creusot, France.
With highest honors, specialized in Mathematics.

SKILLS

Programming languages	Proficiency in Python, OCaml, C/C++, Go
Computer Science	Machine Learning, Convex Optimization, Signal Processing, Compilation...
Mathematics	Probabilities, Statistics, Integration, Functional Analysis...
Communication	L ^A T _E X, Microsoft Office

PRIZES AND CONTESTS

2017 67th (out of 3,000) in “Innovation” of the Ludum Dare 40 game jam with the game “[Stealing Cubes](#)”

2017 11th of the french national algorithmic contest Prologin

2016 29th of the french national algorithmic contest Prologin

2015 39th of the french national algorithmic contest Prologin

2013 3rd of the Mathematics Olympiads of Dijon, France

2010 1st of the “Rallye des Mathématiques” of Saône-et-Loire, France

2009 1st of the “Rallye des Mathématiques” of Saône-et-Loire, France

2008 3rd of the “Rallye des Mathématiques” of Saône-et-Loire, France

2003 3rd of the “Fête du Livre de la ville du Breuil” short story contest

LANGUAGES

FRENCH: Mother tongue
ENGLISH: Fluent
GERMAN: Technical

INTERESTS AND ACTIVITIES

Music Piano, keyboard percussions, doublebass, drums, singing
Bridge France champion (under 18, by pairs) 2013
Sport Running, climbing

Bachelor degree in COMPUTER SCIENCE

List of courses

COURSE	GRADE (OUT OF 20)	ECTS
Algorithmics and Programming	19	9
Formal Languages, Calculability and Complexity	15.5	9
Programming Languages and Compilation	18.5	9
Digital Systems	19	9
Systems and Networks	17.7	9
Information and Coding Theory	19	12
Introduction to Cryptography	16.25	9
Computer Science through Practice	18	9
Signal Processing	16.5	9
Random Structures and Algorithms	17	9
Semantics and Application to Program Verifying	16.75	9
Large Scale Machine Learning	16	2
Bachelor Internship	17	12
Integration and Probabilities	17.5	12
Algebra 1	19.5	12
Topology and Differential Calculus	19	12
Functional Analysis	17	12
Introduction to Computational Neurosciences	19.52	4
Introduction to Decision Theory	16.46	4
English Debating	14.9	6
British Humour	14.2	6
GPA (weighted by ECTS) and Total	4.00	184