

Florette Martinez | PhD

Student at Sorbonne Université

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Ph.D Thesis

Lip6, Sorbonne Université **Paris, France**
In the Almasty team, under the supervision of Pr. Damien Vergnaud *September 2019 –*
Mathematical study of Pseudo-Random Generators

Internships

Université de Bordeaux **Bordeaux, France**
Reserach internship under the supervision of Pr. Gilles Zemor *2019 (5 months)*
"Existence of MDS quantum error correcting codes"

Rikkyo University **Tokyo, Japan**
Research Internship under the supervision of Pr. Kazuhiro Yokoyama *2017 (2 months)*
"Cryptography on elliptic curves"

Institut de Mathématiques de Toulouse **Toulouse, France**
Research internship under the supervision of Laura Brillon *2016 (1 month)*
"Interval graphs, coloring problem and clique problem"

Exams

Agrégation de Mathématiques (competitive examination for civil service), rank : 22/315 *2018*

Education

Université de Bordeaux
Master 2 Algebra, Geometry and Number Theory, with great honors (16/20) *2018 – 2019*

ENS Rennes – Université Rennes 1
Master 2 in education, with honors (14,2/20) *2017 – 2018*

ENS Rennes, with the University Rennes 1
Master 1 in Mathematics (honors), with honors (15.6/20) *2016 – 2017*

ENS Rennes – Université Rennes 1
Bachelor degree in Mathematics, with honors (14.4/20) *2015 – 2016*

Skills

Programming language: Python, Latex, Sagemath

English: Fluent (980 at the TOEIC in 2017)

Japanese: Notions

Teaching

2nd year of bachelor's degree in Computer Science **Sorbonne Université**
Algorithmic, teaching fellow *2020*

2nd year of bachelor's degree in Computer Science **Sorbonne Université**
Discrete mathematics, teaching fellow *2019*