

# Samuel Bouaziz

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## Formation

- 2021–2024 **PHD**, *Almasty team*, LIP6, Paris, *currently*
- 2020–2021 **Master 2**, *Parisian Master of Research in Computer Science (MPRI)*, Paris
- 2018–2021 **License and Master 1 in computer science**, *Ecole Normale Supérieure de Rennes*, Rennes
- 2016–2018 **Preparatory classes**, *Lycée Saint-Louis*, Paris
- 2016 **Baccalauréat S**, *Lycée Edgar Poe*, Paris, *mention Très Bien*

## Professional experience

- 2021 **On quantum key exchange with classical communication from one-way functions**, *QI team*, LIP6, Paris  
Internship supervised by Alex Grilo and Damien Vergnaud.
- 2020 **Finding short vectors in lattices**, *EMSEC team*, Inria, Rennes  
Internship supervised by Adeline Roux-Langlois and Olivier Bernard.
- 2019–2020 **Energy-efficient algorithms and reversible computing**, *SemLIS team*, Inria, Rennes  
Project supervised by Olivier Ridoux.
- 2019 **Implementation of a blind signature in C**, *EMSEC team*, Inria, Rennes  
Internship supervised by Adeline Roux-Langlois, Guillaume Kaim and Gautier Eberhart.

## Publications

- 2022 **Quantum security of subset cover problems**, *Preprint, submitted for publication*  
<https://eprint.iacr.org/2022/1474>

## Languages

- French Native language
- English Advanced

## Programming languages

C, C++, HTML/CSS, Latex, Lisp, Ocaml, Python, Sage, Java

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