

Education

- 2023-now **Ph.D Student**, *INRIA Rennes*, Rennes
Exploring privacy in decentralized learning
- 2022-2023 **Master's degree (M2 SIF) in computer science**, *ENS Rennes*, Rennes, France
- 2021-2022 **Preparation for the "Agrégation d'informatique"**, *ENS Rennes*, Rennes, France
Focus on teaching and the core of computer science : Algorithmics, Architecture, Operating Systems, Networking, Databases, ...
- 2020-2021 **Master's degree (M1 SIF) in computer science**, *École Normale Supérieure de Rennes*, Rennes, France. Ranking: 7/26
- 2019-2020 **Bachelor's degree in computer science**, *École Normale Supérieure de Rennes*, Rennes, France. Ranking: 7/28
- 2017-2019 **Preparatory school MPSI-MP**, *Lycée Victor Grignard*, Cherbourg, France

Professional experience

- 2023 (5 months) **Research Internship**, *Privacy Protection through private averaging*, Team WIDE, INRIA Rennes, Davide Frey, François Taïani and Romaric Gaudel.
Studied privacy properties of decentralized machine learning and the effects of private averaging using Pytorch.
- 2021 (3 months) **Research Intership**, *Adapting Public Announcement Logic update mechanisms to Dynamic Epistemic Logic*, D7, IRISA Rennes, Guillaume Aucher
- 2020-2021 **Research project**, *Feature extraction for high dynamic range images*, Percept, INRIA (During the M1) Rennes, Olivier Le Meur and Mathieu Chambe
Created a neural network for feature extraction of HDR images in Tensorflow.
- 2020 (2 months) **Research Intership**, *Visualisation of echo states network*, Mnemosyne, INRIA Bordeaux, Nicolas Rouger
Creation of spatialized ESN and visualisation of the activity with Voronoi diagrams.

Programming languages

Main	Python, OCaml, Latex, C
Notions	C++, Java, R
Libraries	sklearn, Tensorflow, pytorch

Languages

1 st language	French
fluent	English