

Louis Béziaud

Curriculum Vitæ

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Education

2016–2018 **University of Rennes 1 & ENS Rennes**: M.S. in Computer Science (research track)

2nd year Data security for intellectual property and privacy, hardware security, verification of security protocols, cloud infrastructures, distributed systems, data mining

1st year Algorithmic, distributed applications, bioinformatic, formal design, databases, cloud and big data, parallel computing, information theory, compilation, operating systems, statistical learning

2015–2018 **École normale supérieure of Rennes**: Magistère in Computer Science

Research training (lectures, reading sessions, lab visits, group projects, pedagogy)

2013–2016 **University of Rennes 1 & ENS Rennes**: B.S. in Computer Science (research track)

Publications

- [1] Louis Béziaud, Tristan Allard, and David Gross-Amblard. “Lightweight Privacy-Preserving Task Assignment in Skill-Aware Crowdsourcing”. In: *International Conference on Database and Expert Systems Applications*. Springer, 2017.

Experience

Feb–Jun 2018 Research internship, **Inria**, Grenoble, France

Advisors: Claude Castelluccia, Daniel Le Métayer (Privatics team)

“Privacy analysis of national identity systems”: privacy risk analysis of national identity schemes, privacy, accountability and security guidelines

30 Aug 2017 Conference presentation, 28th *International Conference on Database and Expert Systems Applications*, Lyon, France

Jun–Aug 2017 Research internship, **IT University of Copenhagen**, Copenhagen, Denmark

Advisor: Philippe Bonnet

“Storage at the Edge”: review of recent technologies related to data storage and Edge computing, at both the hardware (e.g., NVMe) and software (e.g., blockchain) levels; experiments with a decentralized file system on processor-based SSD cards.

Feb–May 2017 Research internship, **IRISA**, Rennes, France

Advisors: Tristan Allard, David Gross-Amblard (DRUID team)

Inducing a large skills taxonomy for skill-aware crowdsourcing from community folksonomies using natural-language processing and hierarchical clustering.

Sep 2016–Apr 2017 Research project, **Univ. Rennes 1 & IRISA**, Rennes, France

Advisors: Emmanuelle Anceaume, Romaric Ludinard

“Permission-less and distributed framework for traffic sensing by the crowd”: blockchain for near real-time crowdsourcing of road traffic knowledge with limited trust.

May–Jul 2016 Research internship, **IRISA**, Rennes, France

Advisors: Tristan Allard, David Gross-Amblard (DRUID team)

“Privacy-preserving task assignment in skill-aware crowdsourcing”: differentially private task-assignment of skill-dependant tasks using randomized response.