

Remy SEASSAU

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I am a PhD candidate under the supervision of François Pottier at Inria Paris' Cambium team. I am currently working on establishing formal semantics and reasoning rules for the OCaml programming language.

Education

Ph.D. in Computer Science Inria Paris, Cambium Team, Advisor: François Pottier	2023-
MSc in Advanced Computer Science University of Oxford, Graduated with honours (<i>merit</i>)	2022-2023 Oxford, United Kingdom
BSc, Mathematics and Computer Science Double Major École Polytechnique, Graduated with honours (<i>cum Laude</i>)	2019-2022 Palaiseau, France

Research Internships

Mechanisation of Multiparty Session Types Mobility Reading Group, University of Oxford	Apr-Aug 2023 Supervised by Nobuko Yoshida , Lorenzo Gheri
Bootstrapping a Verified Compiler Trustworthy Systems, UNSW Sydney	Jul-Aug 2022 Supervised by Johannes Åman Pohjola
Modular Decomposition of Graphs for Logic PARTOUT, Inria Saclay	Jan-Mar 2022 Supervised by Lutz Strassburger
Formalizing ideals in commutative algebra LIX, École Polytechnique	Jul-Aug 2021 Supervised by Pierre-Yves Strub

Publications

Pancake: Verified Systems Programming Made Sweeter In <i>Workshop on Programming Languages and Operating Systems</i> , PLOS'23	Johannes Åman Pohjola et al 2023
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Teaching Experience

Teaching Assistant , IP1 Introduction to Programming	Université Paris Cité, Fall 2024
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Service

Seminar Organiser , Inria Paris Junior Seminar, 2024-2025	
Root SysAdmin , École Polytechnique's Student IT & Network Society	
Board Member , Computer Science Society	Large-audience computer science events (hackathons, talks)
Board Member , Music Society	Musical events and studio management
Board Member, Web Chair , Sport's Bureau	A singular inter-university, multi-sport tournament

Awards and Honors

Highly Commended Undergraduate Thesis , Undergraduate Global Awards Thesis ranked within the top 10%	Sept 2022 Dublin, Ireland
Marc Riedweg Award for Computer Science High School award for best Computer Science work with great human qualities and aptitude for teamwork	Jul 2019