

Samuel Arzac

Master's student in computer science at École Normale Supérieure Paris-Saclay

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📍 Seoul, REP. OF KOREA

Education

Preparing the diploma of ENS Paris-Saclay, Computer Science Department École Normale Supérieure Paris-Saclay	2019 - 2023
Second year of Parisian Master of Research in Computer Science (MPRI M2) École Normale Supérieure Paris-Saclay Honours: <i>Magna cum laude</i>	2021 - 2022
First year of Parisian Master of Research in Computer Science (MPRI M1) École Normale Supérieure Paris-Saclay Honours: <i>Summa cum laude</i>	2020 - 2021
Bachelor's degree in Fundamental Computer Science at École Normale Supérieure Paris-Saclay, awarded by University Paris Diderot Honours: <i>Summa cum laude</i>	2019 - 2020
Classe Préparatoire aux Grandes Écoles Lycée La Martinière Monplaisir, Lyon Mathematics and physics, with computer science option	2017 - 2019
Scientific baccalauréat With highest honours, European English section	2017

Internships

Internship at Seoul National University supervised by Chung-Kil Hur Title: OS verification using the verification framework CCR	October 2022 - July 2023
Internship at ENS Lyon supervised by Russ Harmer & Damien Pous Title: Coq formalization of the concurrency theorem in graph transformation via diagrammatic reasoning in quasi-topoi	March - August 2022
Internship at the University of Strathclyde supervised by Robert Atkey Title: Expressivity of BCI algebras	February - July 2021
Internship at ENS Lyon supervised by Omar Fawzi Title: Multiple access channels with non-signaling resources	June - July 2020

Projects

CS Unplugged activity Activity about Eulerian paths aimed at upper secondary students. Designed with the help of the french Computer Science Unplugged group	2019 - 2020
Compiler for a subset of C in OCaml Written as part of a course on programming	2019
Small platformer game in Python Written as part of an introduction to software engineering	2020
Genome assembler in Python Written as part of a course on bioinformatics	2020
Comparison of heuristics for the A* algorithm on road networks, in Python Result of an introduction to scientific research	2018 - 2019

Languages

French: native language
English: CEFR level C2 (Cambridge Advanced Exam, grade A, 2020)
Spanish: intermediate level
Korean: beginner