Coumes Simon

Computer science student

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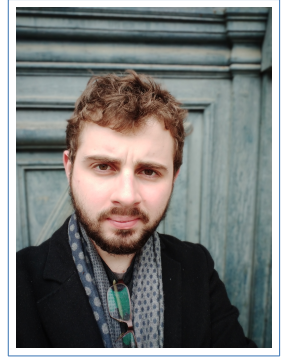35000 Rennes (France)
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Education

2019-now	**ENS Master degree**, *Computer Science*, Ecole Normale Supérieure Rennes (ENS, top french school), Rennes.
2018-2019	**ENS License**, *Computer Science*, ENS Rennes , Rennes.
2015-2018	**French Classe Préparatoire (CPGE)**, *Mathematics*, Lycée Bellevue, Toulouse.

Experience

Summer 2020	**Self organised project**, *ROP compiler*, A joint two weeks crush project with other ENS students aiming to produce a partial compiler for ROP (Returne Oriented Programming).
2019 - Summer 2020	**Collaboration project then Research internship**, *Database queries (Skyline Queries)*, team Lacodam INRIA (National Institute for Research in Digital Science and Technology), Rennes. Publication efforts ongoing
Summer 2019	**Research internship**, *IA in the context of games, Epistemic Logic*, team Lilac, INRIA, Toulouse.
2015 - now (periodically)	**Private tutoring**, *Private maths lessons given at different levels*, both with strangers and relatives.

Programming languages

Main	Python (daily scripting needs), Java (larger projects), LaTeX (all writing)
Previously used	C++, Ocaml, SQL, C, NuSMV, HTML/CSS, COQ, prolog

Mathematical Skills

General remarks	Maths focused education since 2015. I was recruited through a very selective math contest. I am generally enthusiastic about maths and favor approachs grounded in set theory and the field of algebrae. I also enjoy the field of logic.

Languages

French	Native speaker	German	school level (A2)
English	Bilingual (TOEIC 985/990)	Spanish	school level (A2)

Other elements

- Currently taking a half year sabatical to study and question various fields of studdy, general methodology, and epistemology
- SWERC participant 2019 and 2020 (part of the ICPC algorithmic programming contest)
- Animate group roleplay games as a part of the ENS games club
- Developped a few mathematical games and an artificial player for the game Quoridor