Arthur Correnson

Theoretical Computer Science Student

Education

2020-2021	**Bachelor of Theoretical Computer Science**, *École Normale Supérieure de Rennes*. French top school for intensive research training.
2018-2020	**Bachelor of Computer Science (4 semesters)**, *Université Toulouse III*. With honors. Rank: 3/185.
2018-2020	**Bachelor of Mathematics (4 semesters)**, *Université Toulouse III*. With honors. Rank: 20/143.
2017-2018	**Baccalaureat in Sciences**, *Lycée Ozenne*, Toulouse. With honors. Specialization in Computer Science.

Internships

Summer 2021	**Research Internship**, CEA List, Gif-sur-Yvette, France. Formal verification in Coq of floating-point propagators in a constraint solver.
June 2020	**Research Internship (Canceled)**, CEA Tech, Toulouse, France. Machine learning applied to automated theorem proving. Canceled because of the corona pandemic.
June 2019	**Research Internship**, INRIA, Rennes, France. Programming of a DNA sequence alignment software in C++

Teaching experiences

2021–2022	**Tutoring for the Lecture Automated Reasoning**. Saarland University
2019–2021	**Tutoring for Bachelor Students in Computer Science**. *Université Toulouse III*
2016–2020	**Private Math Tutoring for High School Students**.

Student Organizations

2019–2021	**CodeAnon Student Organization**, *President*, Toulouse, France. - Creation of the student organization CodeAnon - We organize meeting with researchers, conferences, tutoring

Skills

- **Programming** : OCaml, Coq, Rust, Agda, Why3, C/C++, Java, Python, x86, ARM, JavaScript

- **Tools** : LaTeX, git, GitHub, GitLab, UNIX systems, VScode, Emacs

- **Topics** : programming languages, compilation, automated reasoning, logic, formal verification, foundations of computer science.

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