

# Chanattan Sok

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École normale supérieure de Rennes, 11 avenue Robert Schuman, 35170, Bruz, France

[chanattan.sok@ens-rennes.fr](mailto:chanattan.sok@ens-rennes.fr) | [chanattan.github.io](https://github.com/chanattan) | Born on the 6<sup>th</sup> of August 2002

Third-year computer science student at École normale supérieure (ENS) de Rennes in France.

I am currently in the *Prélab* year at ENS consisting of research internships before doing a Master 2 as my last year.

## Education

ENS Diploma in Computer Science - École normale supérieure de Rennes, France	Aug 2022 - Aug 2026
B.Sc. in Fundamentals of Computer Science - ENS Rennes, France	Aug 2022 – Aug 2023
2 <sup>nd</sup> year of B.Sc. in Computer Science - Sorbonne University, France	Sept 2021 - May 2022
Preparatory classes to Grandes Écoles - Lycée Albert Schweitzer, France	Sept 2020 - May 2021

## Research Positions

Research assistant at LAMSADE and CES - Paris Dauphine-PSL, Sorbonne, CNRS, France. <i>Fair Railway Network Design</i> , supervised by Jérôme Lang and Arianna Novaro.	May 2025 - August 2025
Research fellow at City Science Lab HCU Hamburg, an MIT Media Lab collaboration and IRD in France - Hamburg, Germany. <i>ABM and IAM: urban carbon-centered simulation of Hamburg</i> , supervised by Arnaud Grignard and Rico Herzog.	Feb 2025 - May 2025
Research assistant in the Multi-Robot Systems (CHROMA) - Inria & INSA Lyon, France. <i>Simulation and resolution of spatial conflicts between pedestrians</i> , supervised by Olivier Simonin. Paper at JFSMA2025 and ECAI2025.	Sept 2024 - Dec 2024
Research assistant in Programming Languages - Aarhus University, Denmark. <i>Extension of the functional-first Flix language with Java interoperability</i> , supervised by Magnus Madsen.	May 2024 - Aug 2024
Research assistant in the Data Management team, IRISA - Thales, ENS Rennes, France. <i>Standalone WebAssembly-based join</i> , supervised by Laurent d’Orazio. Paper at SSDBM2024.	Sept 2023 – May 2024
Student research fellow in data management/AI, ENS Rennes, France	Nov 2023 – May 2024
Research assistant in the Multi-Agent Systems team, Sorbonne University, LIP6, France. <i>Simulation of negotiations in agents</i> , supervised by Nicolas Maudet and Aurélie Beynier.	May 2022 – July 2022

## Teaching

Referring tutor and founder of the computer science and maths tutoring for bachelor students, ISTIC - Univ. Rennes, Rennes, France	Sept 2023 - March 2024
Guest lecturer in applied multi-agent systems, invited by Pr. Franz Kurfess - Calpoly University, San Luis Obispo, California.	Jan 2024
CPES (Cycle Pluridisciplinaire d’Enseignement Supérieur) science tutor in maths and computer science for first year bachelor students - Lycée Châteaubriand, Rennes	Sept 2023 - March 2024
High-school tutor in maths and computer science - Rennes	Sept 2023 - March 2024
Assistant professor in mathematics and physics for middle-school students - Collège Évariste Galois, Paris.	Sept 2021 - March 2022
Private teacher in computer science - Independent.	2015 - 2024

## Additional Experiences and Activities

Co-president of the oenology club, ENS Rennes	Sept 2023 - March 2024
Founder of Tutorat ISTIC, tutoring program for B.Sc. students, Univ. Rennes	Sept 2023 - March 2024
Finalist in ENS Rennes eloquence competition 2023-2024, ENS Rennes	2023
Winner of a local hackathon (Palm’Hackathon ISTIC 2023), Univ. Rennes	2023
Treasurer of RJMI Rennes 2023 - ENS Rennes	Oct 2022 - March 2023
Freelance developer - Online	2015 – 2019

## Languages

French (native), English (proficient), German (notions)