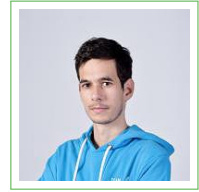


# Charles de Haro

Student - ENS de Rennes

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📁 [de-haro.fr](https://de-haro.fr)



## Education

- 2020 – 2024 **Magistère in Computer Sciences**, *École Normale Supérieure de Rennes*, Rennes, France.  
Admitted by entrance examination; Science Informatique (SIF) curriculum
- 2022 – 2023 **Second year of master's degree in Computer Science**, *Université Paris Cité*, Paris, France, Expected to graduate in September 2023.  
Parisian Master of Research in Computer Science (MPRI)
- 2021 – 2022 **First year of master's degree in Computer Science**, *Université de Rennes*, Rennes, France.  
Science Informatique (SIF) curriculum
- Fall 2021 **Erasmus exchange semester**, *EPFL*, Lausanne, Switzerland.
- 2020 – 2021 **Bachelor's degree in Computer Science**, *Université de Rennes*, Rennes, France.  
Science Informatique (SIF) curriculum
- 2018 – 2020 **Preparatory classes MPSI / MP\***, *Lycée Pierre de Fermat*, Toulouse, France.  
Equivalent to the first two years of bachelor degrees in mathematics, physics and computer science.

## Experience

- 09/2023 – **Research internship**, *Courant Institute of Mathematical Sciences*, New York University, New York, United States.  
02/2024 *Subject*: Abstract Interpretation-based Privacy Static Analysis  
*Supervisor*: Patrick COUSOT
- 03/2023 – **Research internship**, *Antique Team, ENS Paris & INRIA Paris*, Paris, France.  
08/2023 *Subject*: Abstract Interpretation-based Static Analysis to Infer Smoothness Properties of Imperative Programs  
*Supervisor*: Xavier RIVAL
- Summer 2022 **Research internship**, *Dipartimento di Matematica, Università degli Studi di Padova*, Padova, Italy.  
*Subject*: Computability aspects of abstract program semantics  
*Supervisor*: Francesco RANZATO
- Summer 2021 **Research internship**, *Antique Team, ENS Paris & INRIA Paris*, Paris, France.  
*Subject*: Writing of specifications for a static analyzer to a micro-OS  
*Supervisor*: Xavier RIVAL

## Languages

French Mother tongue  
English Experimented  
German Intermediate

## Interests

Computer Science Programming Static Analysis, Abstract Interpretation, Verification, Compilation, Semantics of Programs  
OCaml, C, Assembly, Java

## Projects

Currently Toy static analyzer using abstract interpretation, written in OCaml  
2015 – 2019 Development and maintenance of a large video game server infrastructure