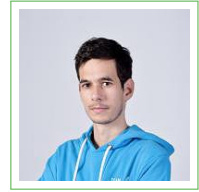


Charles de Haro

PhD Candidate in Computer Science

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Education

- 2024 – 2027 **PhD Candidate**, *Antique Team & Parkas Team, École Normale Supérieure*, Paris, France.
Subject: Abstract Interpretation-based Static Analysis of Synchronous Data-Flow Languages
Supervisors: Marc POUZET & Xavier RIVAL
- 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

- 02/2024 – **Research internship**, *Antique Team & Parkas Team, École Normale Supérieure & INRIA Paris*, Paris, France.
08/2024
Subject: Abstract Interpretation-based Static Analysis of Synchronous Programming Languages
Supervisors: Marc POUZET & Xavier RIVAL
- 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, École Normale Supérieure & 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

Community Service

SAS 2025 Artifact Evaluation Committee

TACAS 2025 Artifact Evaluation Committee (rounds 1 & 2)

SAS 2024 Artifact Evaluation Committee

Languages

French Mother tongue

English Experimented - C1 level

Interests

Computer Science Static Analysis, Abstract Interpretation, Verification, Semantics of Programs

Programming OCaml, C, Assembly, Java