Paul Patault

■ Research Experiences

2023– **PhD in Computer Science**, Laboratoire Méthodes Formelles (LMF)
SUPERVISORS: Jean-Christophe Filliâtre & Andreï Paskevich
RESEARCH INTERESTS: Programming languages, deductive verification, formal methods
SUBJECT: Design and study of a programming language aimed at deductive verification

2023 **Internship at LMF**, Laboratoire Méthodes Formelles
SUPERVISORS: Jean-Christophe Filliâtre & Andreï Paskevich
WORK: Meta-theory of COMA, an intermediate verification language

2022 **Internship at LMF**, Laboratoire Méthodes Formelles
SUPERVISORS: Jean-Christophe Filliâtre & Clément Pascutto
WORK: Exhaustiveness checking for pattern matching in GOSPEL

2021 **Internship at LRI**, Laboratoire de Recherche en Informatique
SUPERVISORS: Jean-Christophe Filliâtre & Andreï Paskevich
WORK: Extension of the PYTHON front-end of WHY3

■ Education

2021–2023 **MSc in Computer Science (MPRI)**, ENS Paris-Saclay
FULL NAME: Parisian Master of Research in Computer Science

2020–2023 **« Magistère » in Computer Science**, Université Paris-Saclay

2018–2021 **Double Major BSc in Computer Science and Mathematics**, Université Paris-Saclay

■ Teaching (in French)

2023–2024 **Databases**, *1st-year students*, IUT Orsay

2023–2024 **Databases project monitoring**, *1st-year students*, IUT Orsay

2023–2024 **Good practices of programming**, *1st-year students*, IUT Orsay

2020–2022 **Mentoring in the faculty of science**, *Undergraduate*, Université Paris-Saclay

■ Grant

2021-2023 **Excellence grant**, *Labex Digicosme*

■ Skills

- **Programming:** OCAML, WHY3, COQ
- **Languages:** French (mother language), English (fluent), Spanish (basics)