DR. PHILIPP STASSEN

Dr. Philipp Stassen

✳ 31.01.1994 in Wiesbaden

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🌐 www.philippstassen.github.io

COMPUTER SKILLS

PROGRAMMING: OCaml, Haskell, Python, Agda, Shell, Html/CSS, LaTex

SOFTWARE: Coq, Emacs, Git, Iris, Mathematica, Docker

LANGUAGES

MOTHERTONGUE: German

FLUENT: English

BASIC: Spanish, Danish

CONTACT

Richard-Strauss-Str 23
81677 Munich
Germany

ABOUT ME

I am a computerscience PhD with strong theoretical and mathematical background. My research centered around safety, security and semantics of programs.
I am highly motivated to work in a team and as connecting or coordinating piece between various parties. My expertise, background knowledge and quick comprehension allow me lead and contribute on a multitude of topics.

EXPERTISE Programming languages, Algorithms, Probabilistic programming, Program Verification, Machine Learning, Functional programming languages, Mathematical Modelling, Type Theories

EXPERIENCE

PHD RESIDENCY   11.2022-04.2023
Airbus Cyber Security

Under the EU projects *Albatross* and *Concordia* Airbus Cyber Security contributed requirements and simulations to research projects which targeted the safety and security standards of modern aviation.
ACHIEVEMENTS: We published the paper "Don't Panic! Analysing the Impact of Attacks on the Safety of Flight Management Systems", which received the best paper award at DASC 2023

CONFERENCE TALK   2022
Types

WORKSHOP TALK   2022
WITS

TEACHING ASSISTANT   2021&2022
Computability and Logic

EDUCATION

PHD FELLOW   2020-06.2024
Aarhus university, Department of Computer Science

MASTER OF SCIENCE   2018 - 2020
Stockholm University, Mathematics

AWARDS: Mittag-Leffler prize

BACHELOR OF SCIENCE   2014-2018
University Bonn, Mathematics