

Dario STEIN

CONTACT

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Web <https://dario-stein.de/>

POSITIONS

- DEC 2021 - PRESENT Postdoctoral Researcher in Computer Science
Interdisciplinary Hub for Security, Privacy and Data Governance
Radboud University Nijmegen, Netherlands
- OCT 2017 - OCT 2021 DPhil (PhD) in COMPUTER SCIENCE
University of Oxford, Balliol College
Thesis “Structural Foundations for Probabilistic Programming Languages”
Supervisor: Sam Staton
- OCT 2016 - JULY 2017 Master of Advanced Study (MASt) in PURE MATHEMATICS
Part III of the Mathematical Tripos
University of Cambridge, St Edmund’s College
Essay on “Locally presentable and accessible categories”
Assessor: Peter Johnstone
- OCT 2014 - JULY 2016 Postgraduate courses in MATHEMATICS
University of Hamburg
Specialization in algebraic geometry
Supervisor: Bernd Siebert
- OCT 2013 - MAR 2014 Bachelor of Science in MATHEMATICS
University of Valladolid (exchange semester)
- OCT 2011 - JULY 2014 Bachelor of Science (BSc) in MATHEMATICS (Minor in PHYSICS)
University of Hamburg
Dissertation “Über verzweigte Überlagerungen von \mathbb{P}^1 und Bahnen der Hurwitz-Wirkung” (On branched coverings of \mathbb{P}^1 and orbits of the Hurwitz action)
Supervisor: Bernd Siebert

PUBLICATIONS

Dario Stein, Sam Staton. “Compositional Semantics for Probabilistic Programs with Exact Conditioning”, LICS 2021 DISTINGUISHED PAPER

Marcin Sabok, Sam Staton, **Dario Stein**, Michael Wolman. “Probabilistic Programming Semantics for Name Generation”, POPL 2021

Sam Staton, **Dario Stein** & al. “The Beta-Bernoulli process and algebraic effects”, in ICALP 2018.

AWARDS AND SCHOLARSHIPS

- 2018 STUDENT TRAVEL GRANT to attend ICALP 2018, offered by ICALP and RSJ
- 2018 GRADUATE PROJECT GRANT to attend MIDLANDS GRADUATE SCHOOL 2018, offered by BALLIOL COLLEGE
- 2017 OXFORD-DEEP MIND Graduate Scholarship
- 2017 EPSRC Doctoral Training Partnership Studentship
- 2016 DAAD Studienstipendium für Graduierte aller wissenschaftlichen Fächer

SERVICE & TEACHING

- 2022 Class Tutor for CATEGORY THEORY AND COALGEBRA, RU Nijmegen
- 2021 Program Committee for ProbProg'21
- 2020 Class tutor for CATEGORIES, PROOFS & PROCESSES, Oxford
- 2020 Class tutor for QUANTUM INFORMATION, Oxford
- 2020 Student volunteer at POPL (Principles of Programming Languages)
- 2019 Class tutor for PRINCIPLES OF PROGRAMMING LANGUAGES, Oxford
- 2019 Class tutor for PROBABILITY & COMPUTING, Oxford
- 2018 Student volunteer at FLOC (Federated Logic Conference)
- 2015 Class tutor for LINEARE ALGEBRA, Hamburg

FURTHER INTERESTS

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| 2019 | GRADUATE SUMMER SCHOOL: LEADERSHIP AND INNOVATION
MPLS Training, University of Oxford |
| 2009-present | Founder Member of ActiveVB e.V.
ActiveVB is one of the leading German-speaking communities dedicated to sharing knowledge around software development and computer science, with an original focus on Visual Basic and .NET technology. I published and worked as a moderator under http://activevb.de |

PROGRAMMING SKILLS

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| ADVANCED KNOWLEDGE | C#,F#,PYTHON,HASKELL |
| INTERMEDIATE KNOWLEDGE | C++,OCAML,SCALA,RUST,AGDA |

LANGUAGES

GERMAN Native speaker
ENGLISH Fluent
SPANISH C1
Other French (B1), RUSSIAN (A2), ARABIC (A1)

INTERESTS AND ACTIVITIES

Travel, Languages, Politics, Philosophy, Piano, Sailing