Curriculum Vitae – Fall 2024

Family name: Schmidt
Given name: Jonas
Date of birth: 14/08/2000
Citizenship: German
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Qualifications

2024 – current **PhD in Statistics and Computer Science**. Bocconi University, Milan, Italy.

2021 – 2024 **MSc in IT-Systems Engineering**. Hasso Plattner Institute, Potsdam, Germany.
Main focus: Theoretical Computer Science.

2018 – 2021 **BSc in IT-Systems Engineering**. Hasso Plattner Institute, Potsdam, Germany.
Main focus: Theoretical Computer Science.

Awards and Scholarships

2021 – 2023 Hasso Plattner Institute Scholarship for top 3 BSc graduates.
2022 PACE challenge. Rank 3/13. Second best student submission.

Research Interests

- Algorithms
- Fine-Grained Complexity

Publications

S. Angrick, B. Bals, T. Friedrich, H. Gawendowicz, N. Hastrich, N. Klodt, P. Lenzner, J. Schmidt, G. Skretas, and A. Wells. **How to Reduce Temporal Cliques to Find Sparse Spanners**. In *ESA* 2024. DOI: 10.4230/LIPIcs.ESA.2024.11

D. Bilò, V. Bilò, M. Döring, P. Lenzner, L. Molitor, and J. Schmidt. **Schelling games with continuous types**. In *IJCAI* 2023. DOI: 10.24963/ijcai.2023/280

S. Angrick, B. Bals, K. Casel, S. Cohen, T. Friedrich, N. Hastrich, T. Hradilak, D. Issac, O. Kißig, J. Schmidt, and L. Wendt. **Solving Directed Feedback Vertex Set by Iterative Reduction to Vertex Cover**. In *SEA* 2023. DOI: 10.4230/LIPIcs.SEA.2023.10

S. Angrick, B. Bals, K. Casel, S. Cohen, T. Friedrich, N. Hastrich, T. Hradilak, D. Issac, O. Kißig, J. Schmidt, and L. Wendt. **PACE Solver Description: Mount Doom - An Exact Solver for Directed Feedback Vertex Set**. In *IPEC* 2022. DOI: 10.4230/LIPIcs.IPEC.2022.28

S. Angrick, B. Bals, N. Hastrich, M. Kleissl, J. Schmidt, V. Doskoč, L. Molitor, T. Friedrich, and M. Katzmann. **Towards explainable real estate valuation via evolutionary algorithms**. In *GECCO* 2022. DOI: 10.1145/3512290.3528801

Experiences

2019 – 2024	Teaching Assistant & Student Lecturer for various math & TCS courses at *HPI*.
Feb. – Apr. 2023	Research Internship at *KIT* on algorithms for random geometric graphs. Supervised by Thomas Bläsius.
2020	Working Student at *XFAB Global Services GmbH* on unsupervised learning.

Language Skills

English	C1 (IELTS 8/9)
German	Native
French	B1
Italian/Hungarian	A1