Dr. André Bauer

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ACADEMIC CAREER

Associated researcher *Lemont, United States*
ARGONNE NATIONAL LABORATORY *since January 2023*

Postdoctoral researcher (Prof. Foster) *Chicago, United States*
UNIVERSITY OF CHICAGO *since November 2022*
- Supervision of Ph.D. students
- Establishment of collaborations

Habilitation *Würzburg, Germany*
UNIVERSITY OF WÜRZBURG *since July 2022*

Research group leader (Prof. Kounev) *Würzburg, Germany*
UNIVERSITY OF WÜRZBURG *January 2021 — October 2022*
- Supervision of students
  - 4 PhD students (co-supervision)
  - 5 Bachelor students
  - 4 Master students
- Establishment of collaborations
- Support for teaching
- Acquisition of third-party funding

Research assistant *Würzburg, Germany*
UNIVERSITY OF WÜRZBURG *October 2016 — December 2020*
- Supervision of students
  - 14 Bachelor students (University of Würzburg)
  - 3 Master students (University of Würzburg)
- Establishment of collaborations
- Support for teaching

SCHOOL & ACADEMIC EDUCATION

Doctoral candidate, Dr. rer. nat. (Computer Science) *Würzburg, Germany*
UNIVERSITY OF WÜRZBURG *October 2016 — December 2020*
- **Dissertation** "Automated Hybrid Time Series Forecasting: Design, Benchmarking, and Use Cases"
- **Advisor** Prof. Dr. Samuel Kounev
- **Grade** Summa cum laude (1.0) — *Disputation December 22, 2020*

Master of Science in Computer Science *Würzburg, Germany*
UNIVERSITY OF WÜRZBURG *October 2014 — September 2016*

Semester abroad (Erasmus program) *Karlskrona, Sweden*
BLEKINGE INSTITUTE OF TECHNOLOGY *August 2015 — January 2016*

Bachelor of Science in Computer Science *Würzburg, Germany*
UNIVERSITY OF WÜRZBURG *October 2012 — October 2014*

Computational Mathematics Bachelor's programm *Würzburg, Germany*
UNIVERSITY OF WÜRZBURG *October 2011 — September 2012*

Higher vocational school *Schweinfurt, Germany*
FRIEDRICH-FISCHER-SCHULE *September 2009 — August 2011*

AWARDS & SCHOLARSHIPS

2023 SPECtacular Award *Gainesville, United States*
SPEC *February 2023*

Leadership Academy Fellowship *Berlin, Germany*
GERMAN SCHOLARS ORGANIZATION *January 2023*

SPEC Kaivalya Dixit Distinguished Dissertation Award *Gainesville, United States*
SPEC *April 2022*

Distinguished Dissertation Award   *Würzburg, Germany*

FACULTY OF MATHEMATICS AND COMPUTER SCIENCE   *July 2021*

Dissertation Award   *Würzburg, Germany*

UNTERFRÄNKISCHE GEDENKJAHRSTIFTUNG FÜR WISSENSCHAFT   *May 2021*

Summa cum laude   *Würzburg, Germany*

UNIVERSITY OF WÜRZBURG   *December 2020*

Winner of the FameLab State of Bavaria final   *Regensburg, Germany*

BRITISH COUNCIL   *March 2020*

Sokrates/Erasmus Grant   *Würzburg, Germany*

UNIVERSITY OF WÜRZBURG   *August 2015 — January 2016*

Deutschlandstipendium   *Würzburg, Germany*

UNIVERSITY OF WÜRZBURG   *October 2014 — September 2015*

Oskar-Karl-Forster Grant   *Würzburg, Germany*

UNIVERSITY OF WÜRZBURG   *December 2014*

Heinrich-Thein Award   *Haßfurt, Germany*

HEINRICH-THEIN-STIFTUNG   *November 2009*

FUNDINGS

Applicant for research grant (322,096 €)

DEUTSCHE FORSCHUNGSGEMEINSCHAFT E.V.

Assistance for industrial project application (27,892 €)   *May 2022 — July 2022*

DATEV EG

Assistance for industrial project application (66,045 €)   *July 2021 — December 2021*

DATEV EG

Applicant for Normalverfahren Grant 2021 (3,000 €)   *April 2021*

UNIVERSITÄTSBUND WÜRZBURG

SCIENCE COMMUNICATION

21st Stuttgart Science Slam   *Stuttgart, Germany*

LUUPS   *October 2022*

FameLab State of Bavaria final   *Regensburg, Germany*

BRITISH COUNCIL   *March 2021*

6th Alumni-Science Slam   *Würzburg, Germany*

UNIVERSITY OF WÜRZBURG   *November 2020*

FameLab German final   *Bielefeld, Germany*

BRITISH COUNCIL   *May 2020*

FameLab State of Bavaria final   *Regensburg, Germany*

BRITISH COUNCIL   *March 2020*

14th Munich Science Slam   *Munich, Germany*

LUUPS   *February 2020*

33rd Dortmund Science Slam   *Dortmund, Germany*

LUUPS   *November 2019*

ACADEMIC FUNCTIONS & ROLES

Program committee   *since March 2023*

INTERNATIONAL CONFERENCE ON DATA SCIENCE TECHNOLOGY AND APPLICATIONS 2023

Program committee   *since February 2023*

INTERNATIONAL CONFERENCE ON TIME SERIES AND FORECASTING 2023

Program committee   *since November 2022*

INTERNATIONAL SYMPOSIUM ON CLUSTER, CLOUD AND INTERNET COMPUTING 2023

Organization committee   *October 2022 — February 2023*

THE SECOND INTERNATIONAL WORKSHOP ON PERFORMANCE-DATA ANALYTICS AND DATA-MANAGEMENT

Program committee   *June 2022 — December 2022*

International Conference on Utility and Cloud Computing 2022

Program committee (posters and demos)   *June 2022 — September 2022*

International Conference on Autonomic Computing and Self-Organizing Systems 2022

Program committee   *April 2022 — November 2022*

Symposium on Software Performance 2022

Program committee   *April 2022 — July 2022*

International conference on Time Series and Forecasting 2022

Organization committee   *October 2021 — April 2022*

The First International Workshop on Performance-Data Analytics and Data-Management

Founder and chair of the SPEC Predictive Data Analytics Group   *since June 2021*

SPEC Research Group

Elected editor of the annual newsletter   *since April 2017*

SPEC Research Group

Elected release manager of the RG Cloud Working Group   *October 2018 — May 2021*

SPEC Research Group

Program committee (artifact evaluation)   *March 2019 — April 2020*

International Conference on Performance Engineering 2020

Publicity chair   *November 2018 — April 2020*

International Conference on Performance Engineering 2020

Program committee   *January 2019 — June 2019*

Workshop on Evaluations and Measurements in Self-Aware Computing Systems 2019

Publicity chair   *January 2019 — June 2019*

Workshop on Evaluations and Measurements in Self-Aware Computing Systems 2019

Reviewing Activities

Journals

- Empirical Software Engineering   *November 2022*
- Journal of Systems & Software   *September 2022*
- Transactions on Cloud Computing   *May 2021*
- Transactions on Services Computing   *February 2020*
- Journal of Parallel and Distributed Computing   *December 2019*
- Journal of Future Generation Computer Systems   *March 2019*
- Transactions on Network and Service Management   *November 2018*
- Journal of Systems and Software   *March 2018*

Conferences

- International Symposium on Cluster, Cloud and Internet Computing 2023 *January 2023*
- International Conference on Utility and Cloud Computing 2022   *October 2022*
- Symposium on Software Performance 2022   *September 2022*
- International Conference on Time Series and Forecasting 2022   *April 2022*
- International Conference on Distributed Computing Systems 2021   *February 2021*
- International Symposium on Software Engineering for Adaptive and Self-Managing Systems 2020 *February 2020*
- International Conference on Performance Engineering 2020   *November 2019*
- International Middleware Conference 2019   *June 2019*
- International Conference on Utility and Cloud Computing 2018   *September 2018*
- International Conference on Self-Adaptive and Self-Organizing Systems 2018 *May 2018*
- International Symposium on Software Engineering for Adaptive and Self-Managing Systems 2018 *February 2018*
- International Conference on Dependable Systems and Networks 2018   *January 2018*
- International Conference on Performance Engineering 2018   *November 2017*
- International Conference on Self-Adaptive and Self-Organizing Systems 2017 *June 2017*
- Symposium on Modelling, Analysis, and Simulation of Computer and Telecommunication Systems 2017 *May 2017*
- International Symposium on Software Engineering for Adaptive and Self-Managing Systems 2017 *February 2017*
- International Conference on Software Engineering 2017   *January 2017*
- International Conference on Performance Engineering 2017   *November 2016*

Certificates

Certificate Academic Teaching (State of Bavaria)   *November 2020*

Certificate Academic Teaching (University of Würzburg) *December 2019*

Voluntary Activities

Pen Pal Program *Chicago, United States*

Office of Diversity and Inclusion University if Chicago *since February 2023*

Mentoring for students *Würzburg, Germany*

Alumniverein University of Würzburg *November 2019 — October 2022*

Supervision of scouts *Würzburg, Germany*

Schwarzer Haufen Würzburg (BdP e.V.) *July 2019 — February 2020*

Volunteer tutoring *Würzburg, Germany*

Nachbarschaftshilfe Grombühl *September 2013 — September 2014*

Student council *Schweinfurt, Germany*

Friedrich-Fischer Schule *September 2010 — August 2011*

Volunteer fire brigade *Horhausen, Germany*

FFW Horhausen e.V. *April 2003 — August 2009*

Languages

German Mother tongue

English Business fluent