Oliver Buchholz

Contact Information

ADDRESS	AI Research Building, Maria-von-Linden-Straße 6, 72076 Tübingen, Germany
EMAIL	oliver.buchholz@uni-tuebingen.de
WEBSITE	`oliverbuchholz.github.io`

Research Interests

AOS	Philosophy of Science, Philosophy of Machine Learning

Education

NOV 2020 – Present	Ph. D. in PHILOSOPHY University of Tübingen, Germany Advisors: Wolfgang Spohn and Eric Raidl
OCT 2018 – OCT 2020	M. A. in PHILOSOPHY, final GPA: 1.0 University of Tübingen, Germany Thesis: "Artificial Neural Networks and the Reference Class Problem" Advisor: Alexandra Zinke
OCT 2018 – OCT 2020	M. Sc. in ECONOMICS AND FINANCE, final GPA: 1.5 University of Tübingen, Germany Thesis: "Uncertainty and the Business Cycle" Advisor: Thomas Dimpfl
OCT 2016 – AUG 2017	B. Sc. in MATHEMATICS (non degree-seeking) University of Stuttgart, Germany Undergraduate coursework in analysis, linear algebra, numerics and stochastics
OCT 2012 – JUL 2016	B. Sc. in ECONOMICS AND BUSINESS ADMINISTRATION, final GPA: 1.8 University of Hohenheim, Stuttgart, Germany Thesis: "Forecasting Emergency Patient Arrival Counts" Advisor: Robert Jung

Awards and Scholarships

NOV 2012 – OCT 2020	Scholar of the German National Academic Foundation (*Studienstiftung des deutschen Volkes*)
OCT 2015	Admission to the Dean's List of the Faculty for Economics and Social Sciences at the University of Hohenheim for grades among the best 3 % of the faculty's students

Academic positions

Nov 2020 – Present	Research Assistant, Cluster of Excellence "Machine Learning: New Perspectives for Science", University of Tübingen
Oct 2018 – Present and Oct 2012 – Aug 2017	Research Assistant, Chair of Procurement and Production, University of Hohenheim
Oct 2016 – Aug 2017	Student Assistant, Chair of Econometrics and Statistics, University of Hohenheim

Talks

1. "The Deep Neural Network Approach to the Reference Class Problem", workshop "Philosophy of Science in the Light of AI" (virtual), *tba*.*

2. "A Falsificationist Account of Artificial Neural Networks" (with E. Raidl), Congress of the Society for the Philosophy of Science, Mons, September 2021.*

3. "A Falsificationist Account of Artificial Neural Networks", CEPE/IACAP joint conference, Hamburg (virtual), July 2021.*

   * conference/workshop with peer-review

Additional Skills

Languages	German: native speaker English: fluent French: intermediate
IT	Matlab, R, SAS, SQL, Stata (alphabetical order)