

ALINA HERDERICH

Graz University of Technology, Institute of Interactive Systems and Data Science | PhD Candidate

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EDUCATION

2021 - today	PhD (Dr. rer. nat.) Computer Science Graz University of Technology, Institute of Interactive Systems and Data Science, Computational Social Science Lab Austria Advisor: Prof. David Garcia Thesis: Construct-ER: A computational approach to the development of emotion regulation theory and measurement
2019 - 2020	Computer Science Certificate (25 ECTS), Route 63 Graz University of Technology Grade: 1.0 (12th March 2020)
2018 - 2020	M.Sc. Psychology University of Graz Advisor: Prof. Harald Freudenthaler Thesis: How Does Flexibility in Emotion Regulation Relate to Dimensions of Adaptivity? Development and Validation of a New Measure for ER Repertoire and Flexibility. Grade: 1.1 (30th September 2020)
2016 - 2018	B.Sc. Psychology University of Graz Grade: 1.3 (19th March 2018)
2013	Chinese Language & Culture Studies (20 ECTS), exchange semester Shanghai Normal University Grade: 90/100
2011 - 2015	B.Sc. Business Psychology & Economics University of Lüneburg Grade: 1.5 (24th March 2015)
2011	Abitur (German university entrance qualification) Albert-Schweitzer-Gymnasium Crailsheim Grade: 1.0 (07th July 2011)

QUALIFICATIONS

Natural Languages	German (mother tongue), English (C1), Chinese (B2), French & Spanish (~A2)
Programming Languages	Python, SQL
Prizes	High-School Diploma Prize of the German Mathematical Association

RESEARCH EXPERIENCE

2021 - today	Doctoral Researcher @Graz University of Technology
2021 - today	Cooperation with Prof. Mirta Galesic @Santa Fe Institute , New Mexico, USA Research project on the effectiveness of counter speech strategies in online political discourse under the NSF grant <i>Exploration-exploitation tradeoff and opinion diversity in real-world groups</i> (Award ID: 1757211)
2018	Research Internship (3 months) Charité Universitätsmedizin Berlin, Department of Anesthesiology and Operative Intensive Care Medicine (CCM/CVK) Biomarker Development for Postoperative Cognitive Impairment in the Elderly (www.biocog.eu)

TALKS

08/2022	European Forum Alpbach Alpbach Technology Talks hosted by the Austrian Institute of Technology <i>Breaking the Wall of Emotional Well-Being</i>
06/2022	Conference of the Consortium of European Research on Emotion (CERE 2022) <i>Deriving emotion regulation strategy classes using a computational grounded theory approach</i>
05/2022	Falling Walls Lab Austria , 2nd place Competition, pitching an innovative research idea in just three minutes <i>Breaking the Wall of Emotional Well-Being</i>

TEACHING

2021	Workshop: A psychologist's guide to machine learning University of Zurich, for researchers at the department of psychology
2020	Teaching Assistant Databases & Data Management Graz University of Technology

FUNDING

2023 - 2024	Marshall Plan Foundation Austria (10,000 €) Scholarship to support visiting fellow activity at Harvard University in the academic year of 23/24
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ADDITIONAL QUALIFICATIONS

07/2022	Complexity-GAINs summer school (2 weeks) Santa Fe Institute, New Mexico & Complexity Science Hub, Vienna Disintegration of societies: Quantitative modeling of complex socio-behavioral systems
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2019 - 2021

Data Team

Graz University of Technology

Participating in data science challenges in teams

/ ASHRAE - Great Energy Predictor III (How much energy will a building consume?)

/ Jigsaw Multilingual Toxic Comment Classification (Identify toxic online comments.)

/ HuBMAP - Hacking the Kidney (Identify glomeruli in images of the human kidney.)

SERVICE

2022 - today

Doc School Speaker and member of the **PhD Union**

Student representative for the student body of the Doctoral School of Computer Science at TU Graz

OUTSIDE ACADEMIA

2015 - 2016

GGH Mullen Lowe Hamburg (advertising agency)

Junior strategic planner

E.ON, Seat, Fielmann, international new business

2015

FCB Hamburg (advertising agency, 6 months)

Strategic planning internship

NIVEA, international level

2014

Publicis Pixelpark (advertising agency, 6 months)

Strategic planning internship

Barmer GEK, Telekom, VISA, BNP Paribas, Swarovski

PUBLICATIONS

in the making ...