

# ALINA HERDERICH

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

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## EDUCATION

2021 - today	<b>PhD (Dr. rer. nat.) Computer Science</b> Graz University of Technology, Institute of Interactive Systems and Data Science, Computational Social Science Lab Austria Advisor: Prof. David Garcia
2019 - 2020	<b>Computer Science Certificate</b> (25 ECTS), Route 63 Graz University of Technology Grade: 1.0
2018 - 2020	<b>M.Sc. Psychology</b> 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
2016 - 2018	<b>B.Sc. Psychology</b> University of Graz Grade: 1.3
2013	<b>Chinese Language &amp; Culture Studies</b> (20 ECTS), exchange semester Shanghai Normal University Grade: 90/100
2011 - 2015	<b>B.Sc. Business Psychology &amp; Economics</b> University of Lüneburg Grade: 1.5
2011	<b>Abitur</b> (German university entrance qualification) Albert-Schweitzer-Gymnasium Crailsheim Grade: 1.0

## QUALIFICATIONS

Natural Languages	German (mother tongue), English (C1), Chinese (B2), French & Spanish (~A2)
Programming Languages	Python, SQL

## RESEARCH EXPERIENCE

2021 - today	<b>Doctoral Researcher @ Graz University of Technology</b>
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2018	<b>Research Internship</b> (6 months) Charité Universitätsmedizin Berlin, Department of Anesthesiology and Operative Intensive Care Medicine (CCM/CVK) Biomarker Development for Postoperative Cognitive Impairment in the Elderly ( <a href="http://www.biocog.eu">www.biocog.eu</a> )
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## TEACHING

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

## EXTRACURRICULARS

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2019 - 2021	<b>Data Team</b> 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.)
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## RESEARCH INTERESTS

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<b>Emotion Regulation</b>	Building emotion regulation (ER) theory and assessment through computational qualitative data analyses; evaluating the effects of ER on indicators of adaptiveness; ER research on digital trace data
<b>Hate &amp; Counter Speech</b>	evaluating the effectiveness of counter speech strategies in online discourse

## PUBLICATIONS

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in the making ...