

Joshua Erich Efraim Jäger

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As a dedicated researcher, I currently investigate addiction disorders by leveraging machine learning techniques to advance the field toward predictive analytics and deeper understanding.

EDUCATION

Ph.D. Student <i>University of Bern, Vrije Universiteit Amsterdam</i> Supervised by dr. phil. Maria Stein and prof. dr. Mark Hoogendoorn	Bern, CH 3/2021 - Present
Master of Science in Psychology - Summa cum laude <i>University of Bern</i> Clinical Psychology & Cognitive Psychology, Perception, and Methodology Thesis (at the Universitäre Psychiatrische Dienste Bern): " <i>Improved Drinking Behavior After Inhibition Training in Patients With Alcohol Use Disorder: Evidence From Hierarchical Linear Analyses of a Randomized, Controlled, Double-Blind Trial</i> "	Bern, CH 9/2017 - 1/2021
Bachelor of Science in Psychology <i>University of Bern</i> Law and Biochemistry as minor subjects	Bern, CH 9/2012 - 3/2017

EMPLOYMENT HISTORY

Research Assistant <i>University of Bern</i>	Bern, CH 3/2021 - Present
Research Assistant <i>Pädagogische Hochschule Bern: Supervision by Dr. Alexander Wettstein</i> Data collection and analyses	Bern, CH 1/2020 - 12/2020
Research Assistant <i>University of Hawaii at Mānoa: Supervision by Dr. Scott Sinnett</i> Planning and execution of a study Submission of an article	Honolulu, USA 1/2019 - 5/2019
Editorial Production Director <i>Journal of Eye Movement Research</i> "PubMed Central" registration management	Bern, CH 4/2017 - Present
Caregiver <i>Suchthilfe Region Basel, drug rehab center ESTA</i> Stationary assistance and care of people with addiction	Reinach, CH 1/2012 - 8/2012

FURTHER EDUCATION

Care assistance <i>Swiss Red Cross</i> Course about medicine, hygiene, and the documentation of the care	Schwarzsee, CH 11/2016
Non-violent handling of conflicts <i>Institute of Communication & Leadership</i> Course about analysis and prevention of conflicts	Luzern, CH 03/2102

EXTRA-CURRICULAR ACTIVITIES

Founding Member & Member of the Board

Substance - Association for the prevention of substance abuse

Counseling sessions and crisis intervention

Organization of events

Applications for financial support of the association

Basel, CH

05/2012 - Present

Founding Member

ZETA Movement - Raising awareness about mental health problems

Assisting in the generation of ideas and content

Bern, CH

10/2019 - Present

Special class for gifted mathematicians

Gymnasium Leonhard

Participation in classes and competitions for gifted mathematics students

Basel, CH

2007 - 2012

APPROVED RESEARCH PROJECTS

Doc.CH, Swiss National Science Foundation (SNSF)

University of Bern & Vrije Universiteit Amsterdam

Project: A Machine Learning-Based Approach to Predict Post-Treatment Drinking Behavior in Patients with Alcohol Use Disorder

Bern, CH

03/2022 - Present

TEACHING ACTIVITIES

Lecturer

Universität Bern

Seminar: Alcohol use disorders, selected and innovative aspects of treatment

Bern, CH

2022

Supervision

Universität Bern & Vrije Universiteit Amsterdam

Bachelor & Master Theses: Various projects in the field of addiction and machine learning

Bern, CH

2021 - Present

Tutor

Beraber Bern

Teaching children with a migrant background in natural sciences

Bern, CH

2014 - 2019

Teacher, Assistant to the Course Director

Bildungszentrum Interlaken, Integro

Development and design of the courses offered

Teaching people with a migrant background in German and Informatics

Interlaken, CH

1/2017 - 1/2018

PRIZES, AWARDS, FELLOWSHIPS

Mobility Grant

Swiss National Science Foundation (SNSF)

Amount: 25'00.- CHF

CH

5/2022

Doc.CH Grant

Swiss National Science Foundation (SNSF)

Amount: 215'210.- CHF

CH

6/2021

PERSONAL SKILLS

R, data preparation, visualization, and statistical modeling

Python, experimental task programming, machine learning

CAREER BREAKS

Civilian service

Bürgerspital Basel

Basel, CH

10/2016 - 1/2017

Buddhist practice in Kung Fu

Wu Wei Si Monastery

Dali, CN

1/2017 - 4/2017