

Benno Kaech | Curriculum Vitae

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Personal Information

Nationality: Swiss

Email: benno.kaech@icloud.com

Skills and Strengths

Progress-Oriented: Proven track record of working independently and efficiently, always aiming for progress and innovation in challenging research environments.

Collaborative: Effective in both leadership and collaborative roles, contributing to team success through clear communication and a commitment to shared goals.

Adaptable: Quick to adapt to new environments and challenges, especially evident in transitioning from academia to the dynamic setting of a startup and back to academia for the pursue of a PhD.

Education

University of Hamburg

Ph.D. in Particle Physics: Magna Cum Laude

2021–2024

ETH Zurich

M.Sc. in Physics

2019–2020

ETH Zurich

B.Sc. in Physics

2015–2018

Selected Scientific Record

NeurIPS 2022, ML4PS: Point Cloud Generation using Transformer Encoders and Normalizing Flows

NeurIPS 2023, ML4PS: Pay Attention to Mean-Fields for Point Cloud Generation

PhD Thesis.....

Title: *Generative Modelling in High-Energy Physics*

Experience

Simpego

Zurich, Switzerland

Data Analyst/Working Student

2017–2020

Contributed to pioneering insurance technology solutions by developing pricing models & process automation as working student with 40% to 80% employment.

ETH Zurich, IWF

Zurich, Switzerland

Research Assistant

2020–2021

Focused on innovative research and development introducing machine learning based solutions to manufacturing technologies.