MICHAEL REICHMANN

Doctor of Sciences

@ micha.reichmann@gmail.com
📞 +491781988015
in michareichmann
🐙 michareichmann
🆔 0000-0002-6220-5496

LIFE PHILOSOPHY

"Ultimately real is only the present moment of physical efficiency."

STRENGTHS & SKILLS

Analytical thinking

Fast-learning: learned C++ in a few month

Data analysis: ~ 10 TB of binary files

Team work: leading group of experiment

Software development: setup framework controlling and analysing data

Persuasive   Structured

Python ●●●●◖
C++ ●●●○○
Git ●●●○○
Neural Networks ●●○○○

LaTeX ●●●●○
Linux ●●●○○

LANGUAGES

German native ●●●●●
English C2 ●●●●●

Russian B2 ●●●○○
Polish B1 ●●○○○

EDUCATION

PhD in Particle Physics @ **ETH Zürich**
📅 February 2016 – March 2023

Deep Learning, Neural Nets and Tensorflow2 in Python @ **Udemy**
📅 April 2023 – May 2023

DETAILS

Address: Eichelbach 26, 98574 Schmalkalden
Nationality: German
Birth Date: 12/15/1988

PROFILE

Passionate physicist with seven years experience in object-oriented programming with python and C++; experienced in leading small teams of researchers. Led the course from building a detector to testing it up to creating a software framework to analyse and display the final data. I am a very dedicated individual and a keen learner, who always wants to cover new fields of knowledge. With my broad abilities and good social skills I will excel in your company.

EXPERIENCE

Doctoral Student

ETH Zürich

📅 February 2016 – March 2023   📍 Zürich, CH

- researched and developed a detector in high energy physics for the Large Hadron Collider (LHC)
- lead experiments for fundamental research
- developed data-acquisition and measurement operating application
- developed analysis software for the data using python and C++
- built website for visualisation of the data

Time-work @ **Hirschvogel Aluminium GmbH**

📅 May 2012 – August 2012   📍 Marksuhl, DE

- forged running gear components from aluminium blanks

Customer Support @ **Arvato Digital Services**

📅 May 2011 – September 2011   📍 Scarborough, CA

- German and English in-game support for the online game RIFT

Researcher @ **Millennium Research Group**

📅 February 2011 – March 2011   📍 Toronto, CA

- conducted a market survey on MRI- & ultrasonic devices

A DAY OF MY LIFE

- Riding the bike & exploring nature
- Spending time with family
- Reading a science fiction novel
- Cooking Risotto
- Working to make the world a better place
- Sleeping & dreaming about Kishki
- Studying languages