



# MICHAEL REICHMANN

Doctor of Sciences

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## 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



L<sup>A</sup>T<sub>E</sub>X

Linux



## LANGUAGES

German

native

English

C2



Russian

B2

Polish

B1

French

A2



## 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: Forchstrasse 151, 8032 Zürich

Nationality: German

Aufenthaltstitel: C, since 2012 in CH

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

