MICHAEL REICHMANN

PhD Particle Physics

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EXPERIENCE

Doctoral Student

ETH Zürich

February 2016 – Ongoing Zürich, CH

- researched and developed a future detector in high energy physics for the Large Hadron Collider (LHC)
- leading experiments for fundamental research
- taught university students

Timework

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

- supported German and English speaking customers playing the online game RIFT

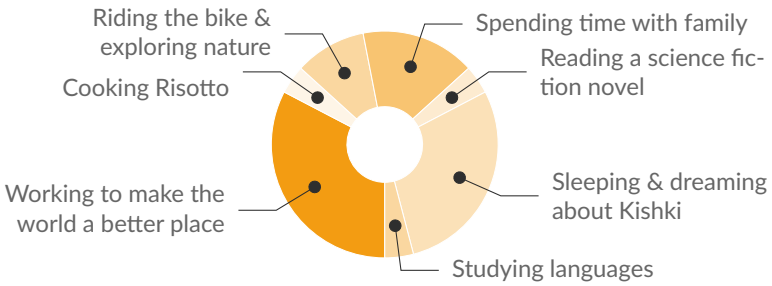
Researcher

Millennium Research Group

February 2011 – March 2011 Toronto, CA

- conducted a market survey on MRI- & ultrasonic devices
- saved and handled large data with Excel

A DAY OF MY LIFE



LIFE PHILOSOPHY

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

STRENGTHS & SKILLS

Analytical thinking · Scientific writing · Fast-learning · Data analysis · Team work · Leading groups · Hard-working (8/24) · Persuasive · Drivers licence

Python ●●●●○
C++ ●●●○○
MATLAB ●○○○○
LaTeX ●●●●○
MS Office ●●○○○

LANGUAGES

German ●●●●●
English ●●●●●

Russian ●●●○○
Polish ●●○○○

French ●○○○○
Spanish ●○○○○

EDUCATION

MSc ETH in Physics

ETH Zürich

September 2012 – September 2015

B.S. in Physics

Friedrich-Schiller-Universität Jena

July 2007 – December 2010

PUBLICATIONS

Journal Articles

- Reichmann, M. et al. (2020). “Signal Behaviour of Poly-Crystalline CVD Diamonds on Incident Particle Flux”. In: *Yet to come...* 43 (3), pp. 251–263.

Conference Proceedings

- Reichmann, M. et al. (2019). “New test beam results of 3D and pad detectors constructed with poly-crystalline CVD diamond”. In: Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, p. 162675. DOI: 10.1016/j.nima.2019.162675.
- Reichmann, M et al. (2019). “Beam test results of 3D pixel detectors constructed with poly-crystalline CVD diamond”. In: Proceedings of XXIX International Symposium on Lepton Photon Interactions at High Energies — PoS(LeptonPhoton2019). DOI: 10.22323/1.367.0080.
- Reichmann, M. et al. (2018). “Diamond Detector Technology: Status and Perspectives”. In: vol. EPS-HEP2017. PoS, 516. 10 p. DOI: 10.22323/1.314.0516.