



Dipl.-Ing. Philipp Lazen, BSc

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Phone: +43 1 40400 64710
Nationality: Austrian
Born: January 23, 1995

EDUCATION

PhD Candidate in Medical Imaging Since 2021
Medical University of Vienna

- Focus on magnetic resonance spectroscopic imaging developments such as motion correction and advanced B0 shimming.

Master Student in Biomedical Engineering 2018-2021
Vienna University of Technology and High Field MR Centre Vienna

- Focus on medical physics and magnetic resonance.
- Project: *Zero Filling in MRSI Reconstruction* (2018).
- Master's thesis: *Creating an RF Pulse Simulation Model for Whole-Brain MRSI at 7T* (2018-2020).

Bachelor's Degree in Technical Physics 2014-2018
Vienna University of Technology

- Bachelor's thesis: *Neutron flux measurement at the TRIGA reactor Vienna* (2017-2018).

High School 2009-2013
Sir Karl Popper Schule, Vienna, Austria

- Matura with excellent success (2013).
- KoSo: Communication and Social Competence. Four-year education including internships at a nursing home and a school for children with learning disabilities (2009-2013).
- Weekly coaching as a tutor for younger students (2011-2012).

WORK EXPERIENCE

Scientific Employee 2019-2021
High Field MR Centre Vienna, Medical University of Vienna
Developing MRSI simulation models and improving MRSI post processing.

Tutor 2018-2020
Vienna University of Technology
Supervising students' practical exercises.

Freelancing 2017-2018
Atominstitut, Vienna University of Technology
Reworking the course material for Reactor Physics I using L^AT_EX.

Emergency Medical Technician 2013-2017
Die Johanniter
Civilian service and volunteering.

OTHER QUALIFICATIONS

Computer skills

MATLAB, Bash, C, C++, MS Office (Word, Excel, PowerPoint), L^AT_EX, PHP, HTML, CSS.

Operating systems

Windows, Ubuntu, Android.

Driver's license

Class B.

LANGUAGES

German (*mother tongue*), **English** (*fluent*), **Spanish** (*basic*), **French** (*basic*).

INTERESTS AND PERSONALITY

I am a very thorough and precise person and I dislike doing things carelessly. When I work on a project I want the end result to be as good as possible.

Sports are a very important part of my life: I thrive when I face new challenges. Before COVID, I used to practice the Malaysian martial art Pencak Silat and I regularly went rock climbing. I often go mountain biking and cycling and I like to surf, snowboard and hike whenever I get the chance. I am a big fan of technology as well and always follow the news about recent developments regarding computers, smartphones, cars.

Since my high school graduation I've been part of a literature club with former classmates and some of our high school teachers.