

Bastian T. Eichenberger

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Summary

I finished my Master of Science in Molecular Biology at the age of 19 (born 24.07.2000). Excluding my programming languages, I speak 8 languages fluently and a couple of others less fluently. Besides constantly learning new things, I love to travel to utilize my skills. I have around five years of experience in various positions.

Work Experience

- 2020 – Present **Ph.D. Candidate**, *Friedrich Miescher Institute for Biomedical Research*, Basel, CH.
Writing of my Ph.D. thesis based on where I left off during my Master's.
- 2018 – 2020 **Master's Student**, *Friedrich Miescher Institute for Biomedical Research*, Basel, CH.
◦ Master thesis project titled "Investigating the stress granule protein G3BP1 with single-molecule imaging of mRNA.". Thesis can be viewed [here](#).
◦ As side-project developed an interactive, deep-learning-based, image analysis platform called Fluffy.
- 2018 **Research Assistant**, *Albert Ludwig University of Freiburg*, Freiburg im Brsg., DE.
◦ Research work after my Bachelor thesis in the Baumeister laboratory.
◦ Main focus on molecular genetics with *Caenorhabditis elegans*.
- 2017 – Present **Sacristan**, *RKK Oberwil*, Oberwil, CH.
◦ Preparation and lecturing during of all kinds of masses including funerals, baptisms etc.
◦ Supervision of around 60 altar servers including home page administration and a monthly work plan.
- 2016 – 2019 **Curling Instructor**, *Curlingzentrum Region Basel*, Arleseheim, CH.
◦ Regular instruction of groups introducing them to the sport of curling in various languages.
◦ Instructions for occasions such as corporate events, birthdays and school excursions.
- 2016 – 2019 **Tour Guide**, *NAZ Feldberg*, Feldberg, DE.
◦ Traineeship in environmental education and management of the nature reserve.
◦ Guiding different types of tours and courses for German and French speaking school children.

Education

- 2020 – Present **Ph.D. in Cellular Biology**, *University of Basel*, Basel, CH.
- 2018 – 2020 **MSc in Molecular Biology**, *University of Basel*, Basel, CH.
- 2015 – 2018 **BSc in Biology**, *Albert Ludwig University of Freiburg*, Freiburg im Brsg., DE.
- 2014 – 2015 **BSc in Chemistry**, *Albert Ludwig University of Freiburg*, Freiburg im Brsg., DE.
Discontinued due to legal age restriction regarding laboratory work.

Abilities

- Scientific *C. elegans* methods, Confocal fluorescence microscopy, Fluorescent in-situ hybridization, Image analysis, Lentiviral transfections, Mammalian tissue culture methods, Plasmid design and construction, qPCR, RNA and protein immunoprecipitation, Western blotting.
- Programming
◦ Data Science – Deep learning with TF2.x, Image analysis.
◦ Web development – HTML, CSS, JavaScript, Vue, Flask.
◦ Unix – Comfortable in Vim, Bash.
- Languages
◦ Fluent – Swiss German / German, English, Spanish, French, Italian, Portuguese, Norwegian.
◦ Limited – Chinese, Japanese.
- Extracurricular
◦ Active duty firefighter – Oberwil BL, Corporal
◦ First responder – Basel BS
◦ Swimming with lifeguard certification – SLRG