

Christoph Berger

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Experience

03/2019 – Current

Research Assistant, Department of Neuroradiology, Klinikum rechts der Isar
Working on developing software to support the clinical workflow of radiologists and enable the collection of anonymized MRI scans to build a standardized database to support deep learning training. Supervised by Dr. B. Wiestler and Florian Kofler:
<https://compimg.github.io>

10/2018 – 04/2019

Tutor, Department of Informatics, Technical University of Munich, recurring every winter term: 2016, 2017, 2018
Teaching weekly exercise sessions in C programming, introduced automated plagiarism checks for assignments and automated the grading of exercises.

06/2017 – 10/2018

Research Assistant, Image-based Biomedical Modeling Group, TU Munich
Worked on automated brain tumor segmentation and the Brain Tumor Segmentation Challenge in coordination with Center for Biomedical Image Computing and Analytics at UPenn. Implemented Deep Learning algorithms in Python using Docker technologies and created a public repository of segmentation algorithms.

09/2017 – 10/2017

IT Intern, Global IT and Processes, Lenzing AG, Austria
Assisted with the introduction of Industry 4.0 and predictive maintenance applications in production which enable a cost reduction of more than 10% across all plants.

Education

10/2019 – Current

M.Sc. Biomedical Computing, Technical University of Munich

10/2015 – 02/2019

B.Sc. Engineering Science, Technical University of Munich
Intense study program (210 ECTS) at the Munich School of Engineering (MSE)
Bachelor thesis at the chair for Computer-Aided Medical Procedures under supervision of Prof. Dr. Menze on the fusion of image segmentation results and ensemble methods.

Volunteering

02/2018 – Current

TEDxTUM, Operations Team Lead
Organization of a yearly main TEDx event with international speakers and over 500 attendees and multiple smaller events throughout the year.
Responsible for the 10 members of the operations team which handles the event management aspects of the conference and coordination of more than 30 volunteers on the event weekend.

Languages

German (Native), English (Full Working Proficiency, C1/C2), Spanish (Advanced Proficiency, B1)