We research, investigate and develop new technologies for digital audiovisual media. Together with our shareholders ARD, ZDF, Deutschlandradio, ORF and SRG/SSR and international partners, we work on innovations and practical solutions in the rapidly changing media environment.

Do you love to experiment? Do you like to work on new technologies and want to bring in your own ideas? Then join our team of experts and write your

**Master/Bachelor Thesis**

on the topic „Deep learning applications in the media field“

The rise of deep learning has created numerous promising opportunities for improvement in media related fields. However, there are still open challenges and hot research topics to explore in several applications. If you would like to write your master or bachelor thesis about a specific topic related to machine learning such as for example Natural Language Processing (text summarization), image/video manipulation detection or image/video classification, please feel free to contact us.

What you bring:

- Field of study: computer science, informatics, engineering or comparable field of study
- Basic knowledge, ideally first assignments, in Python
- Interest in machine learning
- Motivation and ability to work independently as well as in a team
- Good communication skills in German and English

Your perspective at IRT:

You can work on exciting and challenging projects concerning current and future topics of media in an internationally renowned research and competence centre. We work in a highly motivated team with horizontal organisation structures. Flexible working hours as well as an attractive set of social benefits complete our offer to you. You can find further information at www.irt.de.

Would you like to join us on designing tomorrow’s media landscape? Then please direct your application to karriere@irt.de quoting the earliest possible starting date and your salary expectations to Ms. Gisela Schnell referring to ID “STA P04/2020”. Please note our privacy policies at www.irt.de/en/career/privacy-policy-for-applicants.