Media in the 21st century?
The media industry is undergoing a fundamental transformation caused by digitalization. Media consumption is shifting away from traditional media such as TV or newspaper towards mobile and delayed consumption. The boundaries between media producers and consumers are getting blurred, and personalized content is increasingly important. Machine learning and AI are crucial tools to help to create better content, understand the consumers’ preferences and surface the important stories in times of information overload. ETH Zurich, therefore, established a new center for media technology together with Swiss media companies such as Tamedia, Ringier, SRF, NZZ Media Group, Viscom and the Swiss media association.

Project description
Starting in January 2019 the Media Technology Center provides the opportunity for Master and Bachelor students to work on exciting machine learning, computer vision and computer graphics projects in close collaboration with the Swiss media industry. Do you want to help identify fake news? Fight the filter bubble? Do you want to lay the technological foundation for new business models? Do you want to make editing 4K and VR video content easy and fast? Do you want to build a new platform for immersive journalism? Or do you want to help journalists to understand their audience better? Do you want to create tools to support investigative journalism by crunching unstructured data?

If any of this sounds exciting, do not hesitate to reach out to us!

Skills
We are looking for a variety of skills depending on the project. If you have knowledge in one of the following areas you are a perfect fit: machine learning, deep learning, computer vision, natural language processing or AR/VR technologies.

Remarks
- Projects can start immediately or later in 2019. Contact us for more details.
- The thesis is overseen by Prof. Markus Gross and supervised by Dr. Severin Klingler or Simone Schaub.

Contact
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