Wei Geng

- Ph.D. Student @ Chair of Connected Mobility, TUM.
- Research Interests:
  - **Edge Computing and Offloading Scheduling**, e.g., Task assignment among device-edge-cloud spectrum.
  - **Codesign/Optimization for Constrained ML Systems**, e.g.,Hardware-aware Model Deployment, distributed inference, continual learning.

Open Questions

TΙΠ

Given computation happens more and more at edge (e.g., IoT, mobile, autonomous driving)

How should edge computing interact with the cloud?
- How to optimally split tasks among device-edge-cloud spectrum?
- How to perform task/complexity-aware task distribution?

How should network change to be edge-friendly?
- Do we need new in-network service discovery, routing, and load balancing?
- Can they be learned and adaptive?