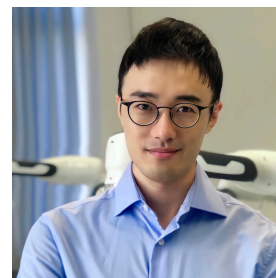


# Huanzhuo Wu

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## Summary

I am Huanzhuo Wu, a Junior researcher at the Deutsche Telekom Chair of Communication Networks (ComNets) at Technische Universität Dresden (TU Dresden), Germany. My particular research interest is In-network Computing, Software Defined Networks (SDN), and Algorithm Optimization, with more than 20 peer-reviewed publications and several research projects. For more detailed and up-to-date information about my projects, publications, and activities, please kindly refer to my personal website at <https://huanzhuo.github.io>.

## Work Experience

### Technische Universität Dresden (TU Dresden)

*Dresden, Germany*

JUNIOR RESEARCHER

*Feb. 2017 - Present*

- Coordinating and managing research projects, in cooperations with Ericsson, Robert Bosch GmbH, Huawei Munich Research Center, TU Munich, RWTH Aachen, and other key partners.
- Conducting research on In-network Computing and Industrial 5G, with publications, talks, and demos on e.g., IEEE GlobCom, IEEE ICC, IEEE Internet of Things Journal, CES, and Hanover Messe.
- Applying for funding on research projects and research marketization, i.e., 800K € from the Federal Ministry of Economics and Technology Germany in 2022, 100k € from the Federal Ministry of Education and Research Germany in 2020.
- Teaching and supervising students.

### Audi China

*Beijing, China*

INTERN

*Aug. 2016 - Nov. 2016*

- Managing and supporting projects related to digitization (Audi Connect, App Center, and Cloud Project).
- Supporting enterprise-university cooperation.

### BMW AG

*Dingolfing, Germany*

INTERN

*May. 2015 - Oct. 2015*

- Quality management by supporting SAP solution in production plant.
- Optimizing and updating the quality management metamodel.
- Creating quality reports.

## Education

### Technische Universität Dresden (TU Dresden)

*Dresden, Germany*

PH.D. IN ELECTRICAL ENGINEERING

*Feb. 2017 - Present*

- Topic: In-network Audio Processing for Low-latency Industrial Applications.
- Grad Year: Expected mid-2022.

### Technische Universität Dresden (TU Dresden)

*Dresden, Germany*

MASTER OF SCIENCE IN COMPUTE SCIENCE

*April. 2012 - Dec. 2016*

- Master Thesis: Regenerating Codes.
- Thesis Grade: 1.3.

### TUDIAS

*Dresden, Germany*

GERMAN LANGUAGE COURSE

*Aug. 2011 - March. 2012*

- Final Grade: DSH 2.

### Chang'an University

*Xi'an, China*

BACHELOR OF SCIENCE IN COMPUTE ENGINEERING

*Sept. 2007 - July. 2011*

- Bachelor Thesis: Wireless Sensor Network.
- Final Grade: A.