

# Aakash Sharma

Curriculum Vitæ — November, 2020

Department of Computer Science – UiT - The Arctic University of Norway

Hansine Hansens vei 54, Tromsø, 9019, Norway

ORCID: [0000-0003-3965-3271](https://orcid.org/0000-0003-3965-3271) — [aakash.sharma@uit.no](mailto:aakash.sharma@uit.no) — [hysharma.com](http://hysharma.com)

## EDUCATION

- ongoing*    **Ph.D. in Computer Science**, UiT – The Arctic University of Norway, Norway
- 2017        **M.Sc. in Distributed Software Systems**, Technische Universität Darmstadt, Germany  
Thesis: *Differential Map Updates for Highly Automated Driving and Enhanced Driver Assistance Services*
- 2009        **B.Eng. in Information Technology**, Sant Gadge Baba Amravati University, India

## PROFESSIONAL EXPERIENCE

- 2017–2021    **Ph.D. Candidate**, UiT - The Arctic University of Norway, Norway
- 2016–2017    **Student Employee**, Polytech Domilens GmbH, Germany
- 2015–2016    **Student Research Assistant**, Ubiquitous Knowledge Processing (UKP) Lab, Technische Universität Darmstadt, Germany
- 2013–2014    **Web Developer**, Digital India Corporation (*formerly* Media Lab Asia), India
- 2010–2013    **Systems Software Engineer**, IBM India Software Labs, India
- 2009–2010    **Software Engineer**, Persistent Systems, India
- 2009–2009    **Trainee**, Persistent Systems, India

## PUBLICATIONS

- 2020*        **Aakash Sharma**, Katja P. Czerwinska, Lars Brenna, Dag Johansen, Håvard D. Johansen. Privacy Perceptions and Concerns in Image-Based Dietary Assessment Systems: Questionnaire-Based Study, *JMIR Hum Factors* doi:[10.2196/19085](https://doi.org/10.2196/19085).
- 2019*        Florian Jomrich, **Aakash Sharma**, Tobias Rückelt, Doreen Böhnstedt, Ralf Steinmetz. Intelligent Offloading Distribution of High Definition Street Maps for Highly Automated Vehicles, *Smart Cities, Green Technologies, and Intelligent Transport Systems*, Springer, Cham doi:[10.1007/978-3-030-02907-4\\_11](https://doi.org/10.1007/978-3-030-02907-4_11).

- 2017      Florian Jomrich, **Aakash Sharma**, Tobias Rückelt, Daniel Burgstahler, Doreen Böhnstedt. Dynamic Map Update Protocol for Highly Automated Driving Vehicles, *Proceedings of the International Conference on Vehicle Technology and Intelligent Transport Systems (VEHITS)*, doi:[10.5220/0006279800680078](https://doi.org/10.5220/0006279800680078).

## OPEN-SOURCE SOFTWARE

**WebAnno 3.0** – <https://webanno.github.io/webanno/>

A Flexible, Web-based and Visually Supported System for Distributed Annotations

## TEACHING

Fall 2020, 2019      INF-3200: Distributed Systems Fundamentals

Spring 2020, 2021      INF-3203: Advanced Distributed Systems

## WORKSHOPS AND SCHOOLS

- 2020      2<sup>nd</sup> Human Behavior and Machine Intelligence (HUMAIN) Winter School
- 2018      1<sup>st</sup> ACM SIGOPS Summer School on Advanced Topics in Systems (SATIS)
- 2018      12<sup>th</sup> International Computer Vision Summer School (ICVSS)
- 2018      12<sup>th</sup> European Conference on Computer Systems (EuroSys) Doctoral Workshop
- 2017      2<sup>nd</sup> International Workshop on Personal Data Systems (PDS)

## ACADEMIC SERVICE

- 2018–2020      **Member** ACM SIGOPS Social Media Team
- 2020      **Shadow PC** European Conference on Computer Systems (EuroSys) 2020
- 2019      **Reviewer** *Special Issue on Emerging Soft Computing Methodologies in Deep Learning and Applications*, Applied Soft Computing (Elsevier)
- 2019      **Artifact Evaluation Committee** ACM SOSP
- 2018–2019      **Vice Board-Chair** Doctoral Students at UiT – The Arctic University of Norway
- 2018      **Poster Chair** 1<sup>st</sup> ACM SIGOPS Summer School on Advanced Topics in Systems
- 2016      **Student Volunteer** ISC High Performance

## LANGUAGES

English (*Fluent*), German (*Basic*), Norwegian (*Basic*), Hindi (*Native*)