

# Aakash Sharma

Curriculum Vitæ — April, 2018

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–        **Ph.D. Candidate**, UiT - The Arctic University of Norway, Norway
- 2016–2017   **Student Employee**, Vision Ophthalmology Group, 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

- Accepted*    Florian Jomrich, **Aakash Sharma**, Tobias Rückelt, Daniel Burgstahler, Doreen Böhnstedt, Ralf Steinmetz. Intelligent Offloading Distribution of High Definition Street Maps for Highly Automated Vehicles, *Communications in Computer and Information Science (CCIS)*, Springer
- 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** – <https://webanno.github.io/webanno/>

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

## WORKSHOPS AND SUMMER SCHOOLS

- 2018      1<sup>st</sup> ACM SIGOPS Summer School on Advanced Topics in Systems (SATIS)  
Tromsø, Norway
- 2018      12<sup>th</sup> International Computer Vision Summer School (ICVSS)  
Sicily, Italy
- 2018      12<sup>th</sup> European Conference on Computer Systems (EuroSys) Doctoral Workshop  
Porto, Portugal
- 2017      2<sup>nd</sup> International Workshop on Personal Data Systems (PDS)  
Sommarøy, Norway

## LANGUAGES

- |         |        |
|---------|--------|
| English | Fluent |
| German  | Basic  |