

Aakash Sharma

Curriculum Vitæ — August, 2019

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 — 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

HONORS & AWARDS

- 2018 Reading Group Competition at ICVSS 2018

PUBLICATIONS

- 2019 Florian Jomrich, **Aakash Sharma**, Tobias Rückelt, Doreen Böhnstedt, Ralf Steinmetz. Intelligent Offloading Distribution of High Definition Street Maps for Highly Automated Vehicles, *Communications in Computer and Information Science (CCIS)*, 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 – <https://webanno.github.io/webanno/>

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

TEACHING

Fall 2019 INF-3200: Distributed Systems Fundamentals

WORKSHOPS AND SUMMER SCHOOLS

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

ACADEMIC SERVICE

- 2019 **Artifact Evaluation Committee** ACM Symposium on Operating Systems Principles (SOSP)
- 2018
2019 – **Vice Board-Chair** Doctoral Students at UiT – The Arctic University of Norway (TODOS)
- 2018 **Poster Chair** 1st ACM SIGOPS Summer School on Advanced Topics in Systems
- 2016 **Student Volunteer** ISC High Performance, Frankfurt, Germany

LANGUAGES

English	Fluent
German	Basic
Norwegian	Basic