

Aakash Sharma

Curriculum Vitæ — October, 2019

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

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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 Dominlens 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

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 3.0 – <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)
2018 12th International Computer Vision Summer School (ICVSS)
2018 12th European Conference on Computer Systems (EuroSys) Doctoral Workshop
2017 2nd International Workshop on Personal Data Systems (PDS)

ACADEMIC SERVICE

- 2018 – **Member** ACM SIGOPS Social Media Team
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** 1st ACM SIGOPS Summer School on Advanced Topics in Systems
2016 **Student Volunteer** ISC High Performance

LANGUAGES

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