

RESUME FOR SURYANSH KUMAR

Assistant Professor of Visual Computing and Computational Media, TAMU

EDUCATION

Ph.D. in Engineering and Computer Science, Australian National University (ANU), Dec. 2019.

Advisor: Yuchao Dai, Hongdong Li, Richard Hartley (FRS)

M.S. Computer Science and Engineering, IIT-H, July 2013.

Advisor: K Madhava Krishna

ACADEMIC POSITIONS HELD

Assistant Professor, Texas A&M University, College Station (since 2023)

Professorship (Computer Vision), ETH Zurich (2019-2023), Appointed by: Luc Van Gool

Visiting Scientist, INRIA Grenoble (2013-2014), Appointed by: Christian Laugier

Research Assistant, Robotics Research Center (2011-2013), Appointed by: K Madhava Krishna

STUDENTS AND POSTDOCS ADVISED

Currently primary advisor of 1 postdoc and 1 Ph.D. student

Alumni: Former Ph.D. students (2) and M.S. Students (22) joined Apple, Google, Oracle, Bosch, ETH Zurich, University of Oxford, TUM, UIUC, NASA, and others.

TEACHING (SELECTED)

VIST172 – Foundations of Visual Computing (Fall, since 2024)

VIZA689– Generative AI for Art and Content Creation (Spring, since 2023)

ACADEMIC HONORS AND RECOGNITIONS (SELECTED)

Higher Degree Merit Scholarship Student, ANU, *Funded by: Australian Research Council* 2015

Best Algorithm Award from Disney Research, IEEE CVPR 2017

J.G. Crawford Nomination for Best Interdisciplinary Ph.D. Thesis, Australian National University 2019

Invited Talks at: CVPR 2019, Samsung Research America, Warren Grundfest Lecture, Google Zurich

Google Focused Research Award Grant 2019

Texas A&M Institute for Data Science Course Development Awardee 2024

PROFESSIONAL SERVICES (SELECTED)

MEMBER, IEEE Computer Society (2025-)

MEMBER, IEEE (2018-)

REVIEWER for Conference on Computer Vision and Pattern Recognition (frequent)

REVIEWER for European Conference on Computer Vision (frequent)

REVIEWER for the International Conference on Machine Learning (ICML) 2024-2025

REVIEWER for the Neural Information Processing Systems (NeurIPS) 2023-2025

REVIEWER for the International Conference on Learning Representations (ICLR) 2023-2025

Program Committee Member AAAI 2025

REVIEWER for the Robotics and Automation Letter (frequent)

REVIEWER for the Pattern Recognition (frequent)

PUBLICATIONS

Bibliographic indicators (Google Scholar July 2025). Citations: 1488, h-index: 21.

More than 30 publications at top conferences and journals *c.f.*, [publications](#)