# Anurag Das

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## EDUCATION

**Max Planck Institute for Informatics** — Saarbrucken, Germany
PhD in Computer Vision supervised by Prof Bernt Schiele — Oct, 2021–

**Saarland University** — Saarbrucken, Germany
MS in Informatik, GPA - 1.4 — 2019–2021

**IIIT Allahabad** — Allahabad, India
B.Tech. in Information Technology, GPA: 9.44/10 — 2013–2017

**Pitts Modern School** — Gomia, India
AISSCE, Score: 95.2/100 — 2012

## PUBLICATIONS

1. **Das, A.**, Hu, X., Jiang, L., Schiele, B. "MTA-CLIP: Language-Guided Semantic Segmentation with Mask-Text Alignment", *The European Conference on Computer Vision, 2024*

2. Yue, Y., **Das, A.**, Engelmann, F., Tang, S., Lennsen, J. "Improving 2D Feature Representations by 3D-Aware Fine-Tuning", *The European Conference on Computer Vision, 2024*

3. **Das, A.**, Xian, Y., Dai, D., Schiele, B. "Weakly-Supervised Domain Adaptive Semantic Segmentation with Prototypical Contrastive Learning", *The IEEE/CVF Conference on Computer Vision and Pattern Recognition 2023*

4. **Das, A.**, Xian, Y., He, Y., Akata, Z., Schiele, B. "Urban Scene Semantic Segmentation with Low-cost Coarse Annotation", *Winter Conference on Applications of Computer Vision (WACV), 2023*

5. **Das, A.**, Xian, Y., He, Y., Schiele, B., Akata, Z. "(SP)$^2$Net for Generalised Zero Label Semantic Segmentation", *DAGM German Conference on Pattern Recognition, 2021*

## EXPERIENCE

**Computer Vision Group** — Max Plank Institute for Informatics, Germany
Master thesis supervised by Prof Bernt Schiele — October, 2020 - April, 2021

  − (SP)$^2$Net for Generalised Zero Label Semantic Segmentation

**Modelling and Simulation Group** — Saarland University, Germany
Research Internship supervised by Prof Verena Wolf — Summer 2019

  − Combinatorial optimisation problem for Car manufacturing problem with Hierarchical Reinforcement Learning.

**Qualcomm** — Hyderabad, India
Software Engineer — July, 2017 –March, 2019

  − Wifi Scan optimisation, WPA3 security, Wifi Aware.

**Microsoft** — Hyderabad, India
Software Developer Intern — Summer 2016

  − Azure Service Fabric for persistent data.

**WorldQuant llc**  Bombay, India
Student Quant Consultant  April, 2015 –April, 2016
  – Development of quants for stock prediction.

**IIT Bombay**  Bombay, India
Summer Intern  Summer 2015
  – Big Data Analysis system for IIT-BombayX.

## Teaching

- Master thesis of Luisa Danalachi  December 2023
  *Incremental Domain Adaptation for Semantic Segmentation*
- Master thesis of Nikhil Paliwal  September 2023
  *Unsupervised Domain Adaptation for Semantic Segmentation with Temporal Cues*
- Teaching Assistant at Saarland University  Summer 2020
  *Image Processing and Computer Vision, Prof Joachim Weickert*
- Teaching Assistant at IIIT Allahabad  Fall 2015
  *Introduction to Programming, Prof G C Nandi*

## Academic Activities

- **Reviewer:** CVPR 24, ECCV 24, GCPR 24, TPAMI, IJCV, TMLR, IEEE-TCVST

## Talks

- Weakly Supervised Domain Adaptation at GCPR 2023  Heidelberg, Germany
- Urban Scene Semantic Segmentation with Coarse annotation at TRACE 2022  Leuven, Belgium
- Generalised Zero-shot Semantic Segmentation with superpixels at GCPR 21  Virtual

## Scholarships, Achievements and Awards

- GCPR 21 Young Researcher Forum Best Master thesis award  2021
- Saarland Stipendium funded by DAAD for summer semester  2021
- Saarbrucken Graduate School of Computer Science Scholarship ($< 3\%$ applicants get selected)  2019
- Top Performer at Qualcomm India in the Annual Review.  2018
- 3 Qualstars at Qualcomm India for different projects.  2018
- Class rank 6 th out of 185 students in bachelors in Information Technology at IIIT Allahabad.  2018
- Institute Merit Scholarship [IIIT Allahabad] for getting into top 5% of the class.  2017
- 43rd rank (Asia) in Worldquant Websim Challenge (Quant competition)  2014
- DST Inspire Scholarship awardee, 2012 for getting in top 1% in India in CBSE Board,2012  2012
- Qualified for Indian National Mathematics Olympiad (INMO)  2011