

Anurag Garg

EDUCATION

- 2022- **M.Sc. CS — Specialization in AI**
University of Freiburg, Germany
GPA 1.4/1.0
- 2017-'21 **B.Tech., Computer Science**
DIT University, India
CGPA 8.4/10, *outstanding thesis*

WORK EXPERIENCE

- MAR 2024- **ML Lab (Prof. Frank Hutter), University of Freiburg**
Role: Research Assistant (HiWi)
Topic: Foundation Models
- OCT'23-MAR'24 **University of Freiburg**
Role: Teaching Assistant
Topic: Deep Learning course
- APR-SEP'23 **University of Freiburg**
Role: Teaching Assistant
Topic: Foundations of AI course
- NOV'21-APR'22 **Deloitte India, Gurgaon**
Role: Analyst
Topic: Data analysis using ML
- MAR-AUG '21 **Cognizant, Pune**
Role: Intern
Topic: Agile based SDLC
- MAY-OCT '19 **PQRS Research**
Role: Research Intern
Topic: Improving object detection with commonsense graphs

ACHIEVEMENTS

- COLLEGE Ranked 1st in Certifever Challenge, Basel Hackathon, Switzerland (2023)
Ranked 2/938 in Intern Assessment Test (CTS 2021)
Travel scholarship by AAAI (2020)
- SCHOOL Merit Scholarship in 10th
Ranked 3/200 in School in International Informatics Olympiad 2007
Runner up in 2016 quiz contest organized by mainstream media (TOI)

TECHNICAL SKILLS

- CODING Python, Java
- DATA LIBRARIES NumPy, Pandas
- RESEARCH DL, Generative AI, LLMs, AutoML
- AI FRAMEWORK Pytorch, Transformers
- WEB TECH. Html, CSS, JS, Flask, Streamlit

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- (*) Dated: Mar 2025

PUBLICATIONS

- Anurag Garg et. al: *Generating adversarial images for object detection using spatial commonsense*: AAAI 2020
- Anurag Garg et. al: *CSK-SNIFFER: Commonsense Knowledge for Sniffing Object Detection Errors*: ACM EDBT workshops 2022

SELF-STUDIED COURSES BEYOND UNIVERSITY

- Neural Networks: Zero to Hero (by Karpathy)
Machine Learning for Google Developers

SELECTED PROJECTS

- MAR 2024- **Fine-tuning Tabular FM**
Topic: In-context Learning, Table data
Fine-tuned Tabular FM to achieve SOTA on AMLB benchmark for tabular data
- 2023 **Multi-Fidelity Optimization of a CNN**
Topic: AutoML, Deep Learning
Goal was to leverage Multi-fidelity optimization to find high performing configurations within a small AutoML budget.
- 2020 **Object Detection By Deep Learning**
Topic: Computer Vision, DL
Goal was to detect 80 objects using a commercially available web-cam with a trained model on MS-COCO dataset.
- 2019 **Robust Adversarial Image Labeling**
Role: Research Intern
Topic: Computer Vision, DL
Examined challenges in object detection arising from inconsistencies related to commonsense knowledge graphs.

REFERENCES

Dr. Frank Hutter,
Professor,
Uni Freiburg & ELLIS Institute Tübingen, Germany

Noah Hollmann
Co-founder & CTO
Prior Labs GmbH, Germany

Dr. Niket Tandon,
Principal Research Scientist,
Microsoft Research, India