Anurag Garg

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Education

2022–*Apr '25 **M.Sc. CS — Specialization in AI**
University of Freiburg, Germany
GPA 1.5/1.0

2017–'21 **B.Tech., Computer Science**
DIT University, India
CGPA 8.37/10, outstanding thesis

Work Experience

Mar 2024- **ML Lab (Prof. Frank Hutter), University of Freiburg**
Role: Research Assistant (HiWi)
Topic: LLMs

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 (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 (The Times of India)

Technical Skills

Coding Python, Java

Research Deep Learning, Generative AI, LLMs, AutoML

AI framework Pytorch

Web Tech. Html, CSS, JS, Flask, Streamlit

Publications

Anurag Garg, Niket Tandon, Aparna Varde: *Generating adversarial images for object detection using spatial commonsense*: AAAI 2020

Anurag Garg, Niket Tandon, Aparna Varde: *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

Bash Scripting and Shell Programming (Udemy)

Selected Projects

Mar 2024- **LLMs4Europe**
Role: HiWi
Topic: Open-Source AI, Hosting LLMs
Goal of this initiative is to enable access to self-hosted, open-source LLMs across Europe, trained on regional languages for both public and academic use.

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 **Dynamic Generation of Adversarial Images**
Role: Research Intern
Topic: Computer Vision, DL
Examined challenges in object detection arising from inconsistencies related to commonsense knowledge graphs. Included neural model inference.

References

Dr. Niket Tandon,
Sr. Research Scientist,
Allen AI,
Seattle, USA

Dr. Aparna Varde
Associate Professor
Montclair University
New Jersey, USA