

ANJALI SARAWGI

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EDUCATION

Ludwig Maximilian University (LMU), Munich

Masters Statistics and Data Science (Track: Machine Learning)

Coursework: Supervised Learning, Deep Learning, Statistical Modelling, Optimization for ML, Generative AI, NLP, MLOps

Munich, Germany

April 2023 - Present

CHRIST (Deemed to be University)

Bachelor of Science (Economics, Mathematics, Statistics)

Coursework: Statistical Methods, Linear Regression Analysis, Time Series Analysis, Operations Research

Bangalore, India

June 2018 - May 2021

Grade: 1.26

WORK EXPERIENCE

Ludwig Maximilian University (LMU), Munich

Research Student

- Supported a PhD with student research on Graph Neural Networks at Bavarian AI chair of Mathematical Foundations of AI
- Student Assistant at the Institute of Statistics, preparing lecture material and contributing to research initiatives
- Conducted feature engineering on smartphone app data at the Department of Psychological Research and Assessment

Munich, Germany

Mar 2024 – Present

Bask Solutions LLC

Web Development Intern

- Assisted in designing and building an AI-powered conversational food delivery web app
- Technologies used: Python, React JS, Rasa

Kathmandu, Nepal

Nov 2022 – Jan 2023

Deloitte US-India

Associate Analyst

- Business Line: Consulting (Strategy and Analytics) - AI and Data Engineering
- Worked on Master Data Management (MDM) of big data as a developer and a tester
- Technologies used: Informatica MDM - ActiveVOS, SQL

Bangalore, India

Jul 2021 – Sep 2022

PROJECTS

GNNS for Hardware Netlist Engineering - Master's Thesis at Fraunhofer AISEC

- Detecting subcircuits in large-scale digital circuit netlists using Graph Neural Networks

July 2025 - Present

HTR for Old Nepali Manuscripts - Research Collaboration with Heidelberg University

- Developed a transformer based handwritten text recognition model to digitize Old Nepali manuscripts

Dec 2024 - Aug 2025

Machine Learning Operations (MLOps) Project

- Built and deployed a CNN-based sign language recognition model
- Technologies used: Python(Pytorch), Git, Continuous Integration, Docker, Google Cloud Platform, FastAPI

June 2024

PUBLICATIONS

- Zhu, N., Sarawgi, A., Bühner, M., Baumeister, H., Garatva, P., Ehring, T., & Terhorst, Y. (2025). **The relation between passively collected data and PTSD: A systematic review and meta-analysis.** *Npj Digital Medicine*, 8(1), 413. <https://doi.org/10.1038/s41746-025-01825-6>
- Jain, P., Sarawgi, A., & Jain, P. (2023). Environmental cost of food wastage: **Integrated response through a mix of environmental policy instruments.** *Sustainable Development*, 31(4), 2464–2470. <https://doi.org/10.1002/sd.2522>

ADDITIONAL

Programming Languages: Python(Advanced), R programming

Technologies & Frameworks: Google Cloud Platform(GCP), ReactJS, Informatica MDM, MS Excel, FastAPI, HTML/CSS

Certifications & Training: Python with Django - Advanced (IT Training Nepal, Kathmandu)

Awards: Spot Award (Deloitte USI, 2022); Mathematics Prize (Bishop Cottons Girls School, 2018)