

ANJALI SARAWGI

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Munich, Germany

EDUCATION

Ludwig Maximilian University (LMU), Munich Master's Statistics and Data Science (Track: Machine Learning) <i>Coursework:</i> Supervised Learning, Deep Learning, Statistical Modelling, Optimization for ML, Generative AI, NLP, MLOps	Munich, Germany Apr 2023 - Present
CHRIST (Deemed to be University) Bachelor of Science (Economics, Mathematics, Statistics) <i>Coursework:</i> Statistical Methods, Linear Regression Analysis, Time Series Analysis, Operations Research	Bangalore, India Jun 2018 - May 2021 Grade: 1.26

WORK EXPERIENCE

Ludwig Maximilian University (LMU), Munich Research Student <ul style="list-style-type: none">Supported a PhD student with research on Graph Neural Networks at the <i>Bavarian AI chair of Mathematical Foundations of AI</i>Student Assistant at the <i>Institute of Statistics</i>, preparing lecture material and contributing to research initiativesConducted feature engineering on mobile sensing data at the <i>Department of Psychological Research and Assessment</i><u>Technologies used:</u> Python, R, PyTorch / PyTorch Geometric, SQL, Git, LaTeX	Munich, Germany Mar 2024 – Present
Bask Solutions LLC Web Development Intern <ul style="list-style-type: none">Assisted in designing and building an AI-powered conversational food delivery web app<u>Technologies used:</u> Python, React JS, Rasa	Kathmandu, Nepal Nov 2022 – Jan 2023
Deloitte US-India Associate Analyst <ul style="list-style-type: none">Business Line: Consulting (Strategy and Analytics) - AI and Data EngineeringWorked on building and maintaining big data workflows as part of Master Data Management (MDM)<u>Technologies used:</u> SQL, Informatica MDM - ActiveVOS	Bangalore, India Jul 2021 – Sep 2022

RELEVANT PROJECTS

GNNs for Hardware Netlist Engineering - Master's Thesis (Fraunhofer AISEC) <ul style="list-style-type: none">Developing GNN architectures for subcircuit detection in hardware netlists for reverse engineering	(Ongoing)
HTR for Low-Resource Manuscripts - Research Collaboration (Heidelberg University) <ul style="list-style-type: none">Built the first handwritten text recognition prediction model for Old Nepali manuscripts with a character accuracy of 95.1%	Aug 2025
Machine Learning Operations (MLOps) Project <ul style="list-style-type: none">Built and deployed a CNN-based sign language recognition modelTechnologies used: Python (Pytorch), Git, Continuous Integration, Docker, Google Cloud Platform, FastAPI	Jun 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. [[doi](#)]
- 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. [[doi](#)]

ADDITIONAL

Programming Languages: Python(Advanced), R programming, SQL
Certifications & Training: Python with Django - Advanced (IT Training Nepal, Kathmandu)
Awards: Spot Award (Deloitte USI, 2022); Mathematics Prize (Bishop Cottons Girls School, 2018)