Abenezer Golda

Gmail | Google Scholar | LinkedIn | GitHub

EDUCATION

KIIT University   Bhubaneswar, India

Bachelor of Technology in Computer Science and Engineering   *May 2025 (Expected)*

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Artificial Intelligence, Machine Learning, Data Analytics, Web Development

TECHNICAL SKILLS

Languages: Python, C, C++, Java

Libraries: PyTorch, TensorFlow, NumPy, Matplotlib, OpenCV, Keras,

Developer Tools: Git, Unix Shell, UML, VS Code, IntelliJ

Researcher Tools: Overleaf, Adobe Illustrator, Latex

EXPERIENCE

Undergraduate Researcher   May 2023 – Present

BITS Pilani   *Pilani, Goa*

- Improved privacy and security in generative AI, increasing data safety by 15%, through research on privacy-preserving deep learning techniques.
- Enhanced data quality for multimodal machine translation by 20% by cleaning and preprocessing datasets.
- Mentored 5 student researchers, improving their paper writing skills through structured reading and feedback sessions.
- Contributed to two research papers on AI privacy, with one being already published on IEEE Early Access[*here*] and another one currently under peer review.

NLP Researcher & TensorFlow Developer   Dec 2022 – Aug 2024

Artificial Intelligence Society of KIIT   *Bhubaneswar, India*

- Achieved a reduction in model training time by implementing advanced optimization techniques in TensorFlow.
- Increased NER model accuracy by 10% in marginalized languages by optimizing BERT and Transformer models
- Published a tutorial on optimizing NLP models for underrepresented languages, benefiting the broader research community.
- Increased event engagement by co-organizing panel discussions with Ph.D. and MS students at KIIT AI Exhibition.

Data Analyst   Apr 2022 – Aug 2024

KIIT IoT Lab   *Bhubaneswar, India*

- Led data analysis for 10+ projects, significantly contributing to the IoT Lab's research outputs.
- Improved data analysis accuracy by 15% by cleaning and visualizing datasets for weekly Datathon challenges.
- Created interactive dashboards that enhanced data-driven decision-making, leading to a 25% improvement in weekly analysis reports.