Raghav Ravishankar

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alyosha-swamy

Research & Work Experience

Jun. 2023 – Present — **Founder and Developer**, *TENSOIC – Personalized LLMs*
Building a platform for enterprises to fine-tune and deploy custom Large Language Models (LLMs) based on proprietary data. The platform offers advanced customization capabilities, model interpretability, stringent data privacy protocols, Role Based Access Controls, and continuous enhancement through active learning mechanisms.

Apr. 2023 – Present — **Collaborator**, *AI Safety @ UCLA*
Collaborating with AI Safety @ UCLA's alignment research team on the Causal Scrubbing project.

Apr. 2023 – Present — **Collaborator**, *UCLA DATARES*
Working on Omegasus (RL implementation for the popular game Among Us) project under DATARES @UCLA.

Feb. 2023 – Present — **Student Researcher**, *VIT University*
Worked on a project to fine-tune pretrained Language Models and evaluate applications in university-specific use cases.

Additional Research

Aug. 2023 – Present — **Researcher**, *VIT University*
The main research task is to use unsupervised deep learning methods to reconstruct a single face image with high accuracy. This involves recovering 3D information from 2D images. The project evaluates algorithmic performance in terms of computation time, algorithm complexity, and memory occupancy. Current benchmark models include Mofa and AvatarMe. Future work aims to improve real-time response and detail reconstruction.

Jul. 2023 – Present — **Collaborator**, *NUS*
Co-authored a survey paper with collaborators from NUS focusing on spatial computing.

Jun. 2023 – Present — **Researcher**, *VIT University*
Survey paper exploring the use of passive WiFi for transmitting ambient signals to build networks.

Skills

Languages Python, HTML, SQL, TypeScript, Rust, Java, C, C++

Libraries PyTorch, HuggingFace, FastAI, NumPy, Pandas, Matplotlib, Plotly, Gradio, Streamlit, Flask, Selenium, Ray [RLlib]

Tools Git, GitHub, Jupyter, VS Code, Bash, Linux, AWS, TensorBoard, CI/CD

Education

National Public School Rajajinagar, Bengaluru

VIT University