SRINIVASA SAI DAMARLA

ASPIRING DATA SCIENTIST

CONTACT

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https://mr-fluff.github.io/MyPortfolio/

Belconnen, Canberra

TECHNICAL SKILLS

- Python 90%
- R 70%
- SQL 80%
- Excel 75%
- Java 85%
- Android Studio 70%

SOFT SKILLS

- Leadership 85%
- Time Management 90%
- Interpersonal 75%
- Creativity 80%

LANGUAGES

English - Native proficiency

Hindi - Limited working proficiency

Telugu - Limited working proficiency

PROFILE

Postgraduate from the Australian National University, offering distinct expertise in Data Science, specifically Deep Learning, Artificial Intelligence and Data Analysis. Proven leader, skilled in Project Management and Team Collaboration. Aspiring to leverage these unique capabilities to drive responsible innovation and contribute to the success of an organisation, with a focus on delivering impactful solutions that align with organisational goals.

WORK EXPERIENCE

Student Ambassador

Australian National University, Acton, ACT — May 2022 - Present

- Demonstrated exceptional customer service and time management skills by effectively promoting CECC program advantages and highlighting academic excellence, industry connections, and research opportunities.
- Utilised strong communication skills to engage with diverse individuals, successfully fostering connections between hundreds of prospective students, faculty, and staff within the Engineering, Computer Science, and Cybernetics community.

ML Intern

ML Research Labs by Trellis Data, ACT — February 2023 - May 2023

- Gained and applied extensive knowledge of white-box and diffusion models, utilising Python, TensorFlow, and PyTorch for practical implementation and enhancement of an existing code repository. Additionally, used Bitbucket for version control.
- Conducted rigorous model experimentation on diverse datasets, honing problem-solving and analytical skills while providing valuable insights into model performance and areas for improvement.
- Enhanced communication skills through regular team interactions and presentations, providing detailed analyses of model performance and contributing to strategic decision-making.

Project Intern

Indian Institute of Science, Bangalore, India — July 2021 - Jan 2022

- Collaborated and led a team of five interns to conduct innovative research on real-time pose mimicking. Employed Deep Learning Neural Networks, specifically developed using Python and PyTorch, coupled with sophisticated computer vision techniques for precise posture data extraction and comprehensive video analysis.
- Devised and implemented Socket Networks enabling seamless multi-device communication, which ensured efficient and synchronised data transfer across devices, contributing to the overall robustness and efficiency of the project.
- Engineered a user-focused feedback mechanism utilising the analysed video data to provide real-time corrective guidance on user postures.

EDUCATION

Australian National University

Master of Computing
2022 - Present

- CGPA: 5.75/7
- Specialisation: Data Science
- Achievement: ANU Chancellor's International Scholarship

Amrita School of Engineering

Bachelor of Technology in Electronics and Communication Engineering
2017 - 2021

- CGPA: 8.99/10
- Activities and societies: Member of The Quiz Club and Lekhani (Literary) Club.

WORK ELIGIBILITY

Student Visa (Subclass 500), Australia

Project Intern

Centre for AI and Robotics, Bangalore, India — Feb 2021 - May 2021

- Collaborated and led a team of four interns on a project involving semantic segmentation of aerial and satellite images. Employed Deep Learning techniques and performed meticulous image pre-processing tasks to ensure the utilisation of high-quality input data.
- Adapted and implemented a Deep Neural Network, initially designed for medical image processing, that achieved better feature extraction and accurate segmentation of aerial and satellite images.
- Conducted a comprehensive comparative study of various Deep Learning models and datasets, providing invaluable insights to guide future model selection and refinement.

Intern

Hindustan Aeronautics Limited, Bangalore, India — May 2019 - June 2019

- Collaborated and led a team of four interns at the Rotary Wing Research and Design Centre, collaborating closely to contribute to helicopter design projects.
- Gained valuable knowledge of electrical, communication, and control systems specific to helicopter design, acquiring practical insights into the intricacies of aerospace engineering.
- Developed hands-on experience by actively participating in testing activities for both hardware and software components of helicopters, providing a tangible application of technical knowledge within the aerospace industry.

ADDITIONAL TRAINING

1. Python for Data Science and Machine Learning Bootcamp, Udemy, 2020
2. Introduction to Data Analytics for Business, Coursera, 2020
3. Working With Vulnerable People, ACT Government, Expires: 2027