

# SRINIVASA SAI DAMARLA

## CONTACT



<https://www.linkedin.com/in/srinivasa-sai-damarla/>



[srinivasa.sai.damarla@gmail.com](mailto:srinivasa.sai.damarla@gmail.com)



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



Harrison, Canberra

## TECHNICAL SKILLS

### Programming languages:

Python, Java, R, HTML, CSS

### Frameworks:

PyTorch, TensorFlow

### Database management:

MySQL, Postgres

### Version Control:

Git, Bitbucket

### Other software/tools:

Excel, Android Studio

## SOFT SKILLS

- Communication
- Interpersonal
- Leadership
- Time Management
- Creativity
- Decision-making
- Analytical reasoning

## LANGUAGES

- English (Native proficiency)
- Hindi (Limited working proficiency)
- Telugu (Limited working proficiency)

## PROFILE

Postgraduate from the Australian National University, skilled in Data Science, specifically Deep Learning, Artificial Intelligence and Data Analysis. A proven leader, experienced 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

### ML Intern

ML Research Labs by Trellis Data, ACT

February 2023 - May 2023

- Gained and applied extensive knowledge of white-box and diffusion models for Image Harmonisation, utilising Python, TensorFlow, and PyTorch for practical implementation and enhancement of an existing code repository.
- Conducted comprehensive experimentation with diverse datasets, providing valuable insights into model performance and identifying potential areas for improvement.
- Utilised Bitbucket for efficient version control and collaboration within the project team.
- Enhanced communication skills through regular interactions and presentations to the team, contributing detailed analyses of model behaviour and influencing strategic decision-making processes.

### Student Ambassador

Australian National University, Acton, ACT

May 2022 - November 2023

- Demonstrated exceptional customer service and time management skills by effectively promoting the Computing programs at ANU.
- 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.
- Significantly influenced enrollment decisions, achieving a 10% conversion rate of prospective students into enrollees following my engaging campus tours and discussions.

### Project Intern

Indian Institute of Science, Bangalore, India

July 2021 - Jan 2022

- Collaborated and led a team of 5 interns to conduct innovative research on real-time pose mimicking.
- Employed Deep Learning Neural Networks, using Python and PyTorch, coupled with computer vision techniques for precise posture data extraction and comprehensive video analysis.
- Devised and implemented Socket Networks enabling seamless multi-device communication.
- Engineered a user-focused feedback mechanism utilising the analysed video data to provide real-time corrective guidance on user postures, achieving 75% accuracy.

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## EDUCATION

### Australian National University

Master of Computing

2022 - 2023

- CGPA: 6.06/7
- 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.

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## WORK ELIGIBILITY

Temporary Graduate Visa (Subclass 485), Australia

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## REFEREES

### Cheng Yu

Head of Research & Development  
ML Research Labs by Trellis Data

cheng.yu@mlabs.com.au

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### D.S.D Prasad Rao

Assistant General Manager  
Hindustan Aeronautics Limited

prasad031963@gmail.com

## 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.
- Adapted and implemented a Deep Neural Network, initially designed for medical image processing, that achieved 2% better accuracy for the semantic segmentation of aerial and satellite images, compared to previous models.
- 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.

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## 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
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