

GANDHARV SURI

Machine Learning | Natural Language Processing | Software Development | Web3

@ gandharvsuri@gmail.com

+91-9417860800

in linkedin.com/in/gandharvsuri

github.com/gandharvsuri

EXPERIENCE

SDE Intern

Walmart Global Tech

Jan 2022 – Present

Bangalore, India

- Research and Development in the field of Conversational AI.

Gloablink Research Intern

University of Lethbridge

May 2021 – Aug 2021

Remote

- Worked with Prof. Yllias Chali on multi-document and single document text summarization and query focused text summarisation.
- Improved upon the existing work for fewshot and zero shot text summarization results.

Data Engineer Intern

MOSIP

Aug 2021 – Dec 2021

Bangalore, India

- Data analytics and reporting. Setup infrastructure to retrieve stream of data and perform and report analysis upon it.
- Tech Stack: Kafka, Spark, Elasticsearch, Kibana, Python, Kubernetes, Helm.

Teaching Assistant

International Institute of Information Technology, Bangalore

Aug 2020 – July 2021

Bangalore, India

- Teaching assistant to Prof. B.Thangaraju for CS-301 Software Engineering course, covering basics of software engineering and various methodologies in practice.
- Teaching assistant to Prof. Manisha Kulkarni for T2-20-SM 102 / Mathematics - 2 course, covering basics of linear algebra.

EDUCATION / COURSES

Integrated Bachelor and Master of Technology

International Institute of Information Technology, Bangalore

Aug 2017 – July 2022

CGPA: 3.38/4

Deep Learning Nanodegree

Udacity

June 2020 – Sept 2020

SKILLS

Programming Languages: Python • C/C++

• \LaTeX • JAVA

Tools: Jenkins • Kubernetes • Github Actions • Ansible • Helm • ELK

DBMS: MySQL • PostgreSQL • JDBC

Frameworks: Flask • Pytorch • Tensorflow • Pandas • Matplotlib • Nodejs

PROJECTS

Fantasy Football Assistant

- A complete web application which connects with Premier League Fantasy Football backend and predicts the gameweek score for each player.
- Personalised as it provides the best suggestions for player transfers to maximise the user's points for the coming gameweek.
- Worked on database setup and backend API along with data analytics for score prediction.

Pedagogic Agent

- Working on building an AI based pedagogic agent for efficient learning.
- Question generation and evaluation automation system.
- Text summarization, providing an overview of the content.

Ebook to Docbook

- Web application for CRUD operations on a DocBook.
- Provides a web interface to work on books/documentations following docbook schema.
- Worked on backend, data persistence and features to provide download in html, xml, and pdf format.

Image Translation

- Using CycleGAN architecture build generators to translate image of summer to winter and vice-versa.
- Generator: auto-encoder model along with residual network. Discriminator: convolution layers.

Dog Breed Classifier

- A model to identify the breed of a dog from it's image.
- Transfer learning using 'InceptionV3' model as the base. Trained the classifying fully connected layer keeping convolution weights frozen.

Abstract Generator

- Built a model to generate the abstract of a research paper given rest of its content.
- Encoder-Decoder architecture built using stacked BiLSTM followed by an attention layer.