

Veerasagar SS

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EXPERIENCE

Junior Research Intern

Sep 2023 – Jan 2024

Defence Research & Development Organization (DRDO) – DEBEL

Bangalore, KA, India

- Worked in the area of Natural language processing primarily on Named entity recognition and Relation extraction.
- Also analyzed the working of Transformer models like BERT, Bio-BERT and Bio-Albert. Explored ways to visualize and gain experience in NLP areas.

PROJECTS

Vershachi Unlearning – A framework for machine unlearning / Python, Tensorflow, ML

Aug 2023 – May 2024

- Developed a practical framework, which unifies the machine unlearning algorithms and tools that are compatible and facilitates those who intent to perform unlearning of data.
- My role was to Implement FUL to perform the unlearning of user's data from the model.
- Providing safe environment by granting the user the right to delete and make the model forget relevant data.

Dash Application / Python, Dash, Pandas, CSV, Git

May 2023

- Developed a Dash web application end to end that uses Python, Dash components and Pandas to visualizes US domestic airline flights performance using data from a CSV file
- My role was in designing the app layout consists of dropdowns for selecting the report type and year, and it displays various graphs based on the selected options.

Garage Go / PHP, Javascript, SQL, HTML

Feb 2023 – July 2023

- It is a web-based garage management system developed using HTML, CSS, JavaScript, PHP, XAMPP, Apache servers, and MySQL database.
- I worked on the backend of the project on managing the database and scripting using PHP.

Gemini AI Discord Bot / Python, Gemini, Discord API

April 2024

- Developed a simple discord bot end to end that has Google's Gemini AI inclusion. This allows the bot to interpret commands, questions, and requests in a human-like manner.
- The bot supports customizable commands, allowing server administrators to define specific actions or responses based on user inputs.

CERTIFICATIONS

Machine Learning, Data Science and Deep Learning with Python – Udemy

Machine Learning for All – Coursera

Artificial Intelligence A-Z™ 2023 – Udemy

Become a Data Analyst – LinkedIn Learning

Data Visualization with Python – Coursera

Career Essentials in Generative AI by Microsoft and LinkedIn

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, Java

Developer Tools: Git, VS Code, Visual Studio, PyCharm, Eclipse

Libraries: Pandas, NumPy, Matplotlib, Tensorflow, Torch

EDUCATION

Govt. SKSJIT Institute

Bangalore, KA, India

Bachelor of Engineering in Computer Science CGPA – 8.3

Dec 2020 – May 2024

MES Kishora Kendra PU College

Bangalore, KA, India

Pre-University Grade – 94.67%

June 2018 – May 2020