Akshaykumar Gunari

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https://github.com/akshaygunari

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Career Objective:

Seeking a dynamic job in a highly regarded company where I can confidently utilize my skills and flair to bring about a productive change within myself and thus aiming towards a broader perspective of developing along with the company.

Educational Qualifications:

Degree	Name of the institution	University/Board	Year of passing	Percentage
Bachelor of Engineering (Computer Science And Engineering)	KLE Technological University, Hubballi.	KLE Technological University, Hubballi.	Pursuing (Expected -July 2021)	8.87 (CGPA till 7th semester)
Pre University College	Chetan PU Science Pre-University, Hubballi.	Department of Pre University Education, Karnataka	2017	90.50%
SSLC	Chetan Public School	Karnataka Secondary Education Examination Board	2015	94.40%

Skill Set:

- **Programming languages:** C, C++, Python.
- **Tools** : Jupyter Notebook, Spyder IDE, Google Colab, Tensorflow, Pytorch.
- **Industry Knowledge** : Operating Systems, Machine learning, Deep learning, Image Processing, Computer Vision.
- Good team player and determined to gain knowledge.

Projects:

1. **Recurrent Clustering**: As the Research Experience for Undergraduates, we proposed a framework to find the arbitrarily shaped clusters incremental in nature with dynamically growing datasets exhibiting the increment of the dataset not just with respect to class (Class-Incremental) but also in the distribution of each class.

2. **Augmented Data as an Auxiliary Plug-in Towards Categorization of Crowdsourced Heritage Data:** As a senior design project, our team proposed a framework for categorization of sparse crowdsourced data.

Experience/Internship:

- **Institution Name: <u>Centre of Excellence for Visual Intelligence (CEVI)</u>.**
  - o **Duration:** 1st March 2021 to Present.
  - o **Designation:** Research Intern.
  - o Working on a DST project under the guidance of Dr. Uma Mudenagudi towards categorization of crowdsourced data which involves both 2D and 3D data processing.
- **Institution Name: <u>Indian Institute of Technology, Delhi (IITD)</u>.**
  - o **Duration:** 6th June 2019 to 10th July 2019.
  - o **Designation:** Project Trainee.
  - o Worked on a project Endoscopic Tool Tracking which was a Collaborative Neuro-Engineering Platform Building for Excellence in Innovation and Translational Research (RP03571G)

Publications:

- **Paper Title:** <u>Deep Visual Attention Based Transfer Clustering.</u>
  - o **Conference:** Seventh International Symposium on Computer Vision and the Internet (**VisionNet'20**).
  - o **Year of Publication:** 2020 (Paper is accepted. Conference was held in October - 2020).
  - o **Description:** In this paper, we proposed a methodology to improvise the technique of Deep Transfer Clustering (DTC) to the less variant data distribution.

Co-curricular and extra-curricular activities:

- Conducted a workshop on the Basics of **Image processing**, **Machine Learning,** and Volunteered in various cultural and technical events conducted in college**.**
- Competed in a Kaggle Competition titled **"Categorical Feature Encoding Challenge"** and ranked 52/1342 as dated December 9, 2019.
- Attended a workshop on **3D Computer Vision** at IIIT-Hyderabad.
- Participated in **TCS Tech-bytes, Smart India Hackathon**.

Certifications:
- **Machine Learning** Course from Stanford University on Coursera**.**
- Problem Solving In C**, NPTEL Certification.**
- Data Structures And Algorithms in Python**, NPTEL Certification.**

Interests/Hobbies:
Playing Volleyball, Listening to Music, Traveling, and Surfing.

Personal Details:

Father's Name   : Shrinivas Gunari.
Mother's Name   : Akshata Gunari.
Date of Birth   : 18/08/1999.
Languages Known   : English, Kannada, Hindi.
Permanent Address : H. No 137, Akshay Colony, 1st Phase, Gokul Road, Hubli, 580-030.

Declaration: I hereby declare that the above-provided information is true to the best of my knowledge.

Date: June 27, 2021   (Akshaykumar Gunari)