Kshitij Ijari
Data Scientist

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Education

San Diego State University   San Diego, CA
Masters in computational science, concentration Data Science.   Fall 2022-Present

KLE Technological University   Karnataka, India
Bachelors in computer science and Engineering   Aug 2017– Jul 2021
(GPA: 3.7)

Chetan Pre University College   Karnataka, India
Percentage: 80   June 2015–May 2017
State Level Basketball Player

Experience

PacketFanatic LLC   (Remote)
Software Engineer   May 2021- July 2022
- Innovated and Developed a web application for restaurant to have an efficient and sever-less delivery of orders integrating with global frameworks ReactJs, Google-Firestore, AWS services, Alexa Skills kit.
- Accomplished in finishing the given project requirements in 6 months.
- Facilitated multiple tasks inculcating the work and time management.
- Engendered a sense of enabling data driven solutions which are culturally and technically apt.
- Defined and implemented backend architecture for efficient workflow by using REST Api.

Dori Ai Pvt Ltd   Bangalore, India
Software Engineer   Nov 2021- Jun 2022
- Analyzed and verified the yolov5 object detection model to detect persons for Covid-19 application.
- Ensured quality assurance and evaluated project risks at every stage.
- Debugging and resolving the bugs found on the backend such as database, EC2 machine,app-server.
- Implemented and updated postman application modules under the direction of Senior Software Developers.

San Diego State University   (Remote)
Teaching Assistant   Aug 2022 – Present
- Implementing a variety of teaching methods and materials to teach undergraduate students.
- Supporting and motivating the students in their weekly activities and grading the quizzes.
- Adapting to diverse strategies to make the students understand the problem.

Machine Learning Projects
Object Detection and Localization on Humanoid Robots.
- To illustrate object detection and localization in a live stream and static environment and to train the model on custom captured indoor images to suit the situation at hand.
- To measure the performance on the same dataset and investigate the generalization and abilities of the detection performance.

2D image reconstruction using neuromodulation.
- Displaying that plasticity participating with neural connection along with the Hebbian plastic connection rule can be optimized in recurrent neural networks.
- Here is an approach to novel problems to solve reconstructing and memorizing tasks described on the sets of neoteric colored images by tracing plastic recurrent networks. Hence, concluding that the plasticity method provides a firmer way to solve meta-learning.

Generative Adversarial Network (GAN's).
Optimizing Recurrent Neural Network Using Neuromodulation.

Leadership & Accolades

President Student Union, KLE Technological University   Karnataka, India,
Responsible for directing all functions including coordinating facility use, administering   Aug 2020- Jun 2021
student services and activities and ensuring proper safety and security measures.

2D Image Reconstruction Using Differentiable Plasticity at IEEE   India,
                                                                     May 2020.

Optimizing Recurrent Neural Network Using Neuromodulation at IEEE India,
                                                                     Nov 2021.

Skills & Interests

Technical:
- C, C++, Java, JavaScript, Python (NumPy, Pandas, Scikit-Learn).
- Google-Firebase, Google Cloud Platform, AWS EC2, AWS Amplify, AWS S3, Alexa Skill kit, Anaconda, AWS Lambda.
- Image Processing Models, Convolutional Neural Network, Recurrent Neural Network, TensorFlow, MatLab, Pytorch, ReactJs, yolov5, Selenium.
- Platforms: Mac, Linux, Windows.

Interests:
- Playing Basketball.
- Reading Books.
- Gaming.
- Fitness.

Links
LinkedIn | **PacketFanatic Ordee** | **Github** | **Instagram**