Akhil Eppa

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Pursuing Undergraduate degree in Computer Science. Reliable and detail-oriented individual looking to improve skills and applying the same to solve real world problems. Seeking a suitable platform to enhance my skills further and contribute to the community.

Experience

2020

Research Intern/Parallel Systems Research Lab

Worked as a research intern at Parallel Systems Research Lab. Tasks involved building a tool to detect source code plagiarism using machine learning and deep learning techniques and further expanding on it to detect cases of multi-source plagiarism.

2019

Mentor/PESU I/O

Designed and taught on a course on "Introduction to App Development Using Flutter" to a class of freshers. Assessments and Final Project Work was also conducted during the course. Online version of the course was hosted on pesx.pes.edu

Projects

Python- Worked on a project to analyze twitter sentiments using the SVM algorithm. Used concepts like NLP, RegEx, vectorizers | Implementation of basic cryptographic algorithms(RSA/Hashing) | Built Hangman game from scratch, which included selecting movies at random along with visualization of hangman figure | Data Science Project involving Exploratory Data Analysis of a Loans Dataset
R – Project involving Data Analytics With R. Analyzed a bike sharing dataset and built a regression model to predict results based on various parameters like weather conditions, days of week etc.
Flutter- Built Apps using Flutter like an app to fetch live cryptocurrency values and also an app to track family expenses that can be synced across multiple devices.
Web Technologies – Built a website to add and track goals. Used HTML, CSS, JavaScript, PHP, Bootstrap and Jquery.
Tree Data Structure at Low Level – Implementation of Tree Data Structure on the disk. A C program was written to simulate the storage and retrieval of a tree data structure on the disk.

Languages and Technologies

C • Python • Java • R • Flutter • HTML • Javascript • PHP • CSS • Jquery • SQL • Git • Shell Script • Keras • Tensorflow • Unix • Dart

Courses

Data Science • Data Analytics • Sequence Models • CNN • Hyperparameter Tuning, Regularization •Neural Networks • Machine Learning • Elements of AI • GCP Essentials • CNN

Education

2018-2022

Bachelor of Computer Science/PES University, Bengaluru

Activities

Astronomy • Photography • Automobiles • Cycling • Literature • Travel