Pradeep Pai

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Education

Level of Examination	*Year*	*Name of Institute*	*Performance*
B.E (Computer Science)	**2015 - present**	**Sri Jayachamarajendra College of Engg. Mysuru**	**9.27**
Pre University	**2015**	**M.E.S PU college Sirsi**	**96.50 %**
SSLC	**2013**	**Don Bosco High School Sirsi**	**94.88%**

Projects

- **Anti-Phish Safe Browser**
  Classifying URL's as malicious or benign based on its lexical features using multilayer perceptron model. The features used for training the model were lexical features of the URL.
  Domain : Artificial Neural Networks. **Accuracy** : 82.1%
- **Customer Review Classification**
  An application that classifies the customer reviews from Amazon Corpus as good or bad using Bayesian Classifier.
  Domain: Data Mining **Language**: Python
  Accuracy : 73%
- **Market Basket Analysis (Academic)**
  To mine the transactions from Departmental Stores dataset and predict frequent item patterns using *Apriori algorithm*. Support and Confidence count parameters were made use of
  Domain : Data Mining **Language** : Python
- **Smart Ambulance (Prototype Submission)**
  A prototype was submitted to "Smart India Project" for the functioning of green corridor during emergencies and real time data monitoring in the hospitals.
- **Image Compression using K-Means clustering**
  A machine learning based approach for compressing of an image using K-Means Clustering algorithm.
  Compression rate : 71% approx.

Languages

- C
- Java
- Python
- SQL

Skills & Certifications💻

- **Version Control Systems :** Beginner level proficiency in code version control tools preferably *Git and Github*.

- **GNU Debugger :** Intermediate level proficiency in C language open source debugging tool.

- **Machine Learning :** Completed the course (MOOC) offered by Stanford University on Coursera. This Course covered the basic concepts and algorithms in Machine Learning like Univariate and Multivariate Linear Regression, K- Means Clustering, Multi-Layer Perceptron etc.

Achievements & Positions

- **Author** of - "A handbook for K-CET".
- **Winner** of C – Coding competition conducted during the technical fest of FOSS – CAMP (2017).
- **Technical co-ordinator** of Linux Campus Club (2018 – 19) .
- **Student Partner** of Internshala (2017 – 18).
- **Campus Ambassador** of *GeeksforGeeks* (2018 - 19)**.**
- Designed "Namma Sirsi " , a tourism portal (http://nammasirsi.000webhostapp.com).
- Participated in "Genomic Analysis of Konkani Population" – a research activity to understand the origin, migration and settlement patterns of Konkani Population.
- Scholar of **World Konkani Centre** and **Foundation for Excellence**.