

ANUP DESAI

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Github: <https://github.com/AnupDesai/Repos>

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EDUCATION

- **JSS Science and Technology University (SJCE)** Mysuru, KA, India
Bachelor of Engineering - Electronics and Communication; GPA: 8.20
August 2016 - June 2020
- **Basaveshwar Pre University College** Bagalkot, KA, India
Pre-University - PCM-CS; GPA: 9.6
July 2014 - June 2016
- **Basaveshwar International Public School** Bagalkot, KA, India
10th Grade; GPA: 9.8
July 2013 - May 2014

SKILLS SUMMARY

- **Languages:** Python-3, C, C++
- **Coursework:** Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Mathematical Foundations of Machine Learning, Deep Learning, Computer Vision, Data Science, Data Visualization and Version Control with Git.
- **Frameworks:** Keras, TensorFlow, Seaborn, Matplotlib, Pandas, Google Colab, Jupyter and GitBash.

EXPERIENCE

- **Exposys Data Labs** Remote
Data Science Intern
May 2020 - July 2020
 - Created data visualization graphics, translating complex data sets into comprehensive visual representations.
 - Gathered, arranged and corrected research data to create representative graphs and charts highlighting results for presentations.
 - Collected and recorded data at various field sites for later assessment and data analysis. Validated incoming data to check information accuracy and integrity while independently locating and correcting concerns.

PROJECTS

- **Robotic service for specially abled using SSD Algorithm:**

The above mentioned project is my Final Year Project. The project involves the design and implementation of an autonomous service robot which is capable of fetching objects, implementing SSD algorithm for object detection. This also involves NLP to work on text segmentation. (Link: <https://github.com/AnupDesai/Repos/blob/master>)

- **Image Compression using PCA:**

Principal Components Analysis, a machine learning dimensionality reduction technique is used in the project to reduce the size of the images optimally. Put simply, the idea is the same as lossy compression: if we can find a way that represents the data well enough, we can save on space. (Link: <https://github.com/AnupDesai/Repos/blob/master/PCA.m>)

- **Customer Segmentation using K-means Clustering:**

K-means an application of unsupervised learning. Characteristics of the customer such as age, sex, spending scores were classified and the customers were clustered using K-means algorithm to develop an efficient marketing strategy. (Link: [https://github.com/AnupDesai/Repos/blob/master/Customer segmentation.ipynb](https://github.com/AnupDesai/Repos/blob/master/Customer%20segmentation.ipynb))

ACTIVITIES

- Represented my state "Karnataka" in National Basketball Tournaments
- An active member of IEEE and Google Developer Student club.
- Participated in Machine learning Workshop organized by Google in the University Campus for three years.
- I actively took part and volunteered to organize various events as a part of college annual fest "JAYCIANA"
- Took part in National Level Science Exhibition conducted by Central Board of Secondary Education
- Volunteered for blood donation on World Blood donors Day 2018-19 and 2019-2020 at the Bagalkot's General Hospital

CERTIFICATIONS

- Python Programming, DS and Algorithms- Prof. Madhavan Mukund, -NPTEL
- Neural Networks and Deep Learning- Andrew NG - Coursera.
- Convolutional Neural Networks- Andrew NG - Coursera
- Traffic Sign Classification Using Deep Learning (CNN) in Keras- Prof Ryan Ahmed- Coursera Project

INTERESTS

- Manchester united, Football is a passion.
- Avid reader of War novels and Anecdotes.
- Music enthusiast