Akshay Anand

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OBJECTIVE

I am a final year student pursuing my undergraduate degree and looking forward to utilise my knowledge to be an efficient and valuable resource for the organisation while grooming my skills and expertise for personal growth and development.

EDUCATION

JSS SCIENCE AND TECHNOLOGY UNIVERSITY
B.E. IN COMPUTER SCIENCE
(2016 - 2020)
Mysore, Karnataka
Cum. GPA: 9.04/10.0

DELHI PUBLIC SCHOOL
CLASS XII
(2014 - 2016)
Bokaro, Jharkhand
Percentage: 92%

DELHI PUBLIC SCHOOL
CLASS X
(2012 - 2014)
Bokaro, Jharkhand
Cum. GPA: 10.0/10.0

LINKS

Github:// akshayanand28
LinkedIn:// akshayanand28
HackerRank:// akshayanand28

SKILLS

PROGRAMMING
• C • C++ • Embedded C • HTML • CSS
• Bootstrap • Flask • Jinja • Python • Numpy
• Pandas • Seaborn • Kivy • MySQL

TOOLS
• Git • LaTeX • Jira • AWS Athena

OTHERS
• Adobe Lightroom • GIMP • Canva

EXTRA CURRICULAR

TREKKING
• Kudremukh Peak, Chikmagalur (October 2019)
• Kunda Betta Peak, Virajpet (March 2019)
• Kolar, Karnataka (December 2018)

SOCIAL WELFARE
• Kukkarhalli Lake Cleanliness Drive (April 2019)

EXPERIENCE

REDBUS INDIA, BANGALORE
Software Engineer Intern | Jan 2020 - June 2020
• Built dashboard using HTML, CSS, Bootstrap, Javascript, Flask, Python and MySQL for analysis of GPS devices installed on buses.
• Used ChartJS to design graphs for GPS metrics visualisations.
• Wrote a Python script (Execution time: 10hrs) for exploratory data analysis of all the GPS devices based on different mathematical and statistical metrics using the data received from the different GPS packets daily.
• Wrote a Python script (Execution time: 16hrs) for exploratory data analysis of the tracking experience of a customer and rate it on a scale of 1-7, equivalent to the reviews and ratings posted by customers.

PROJECTS

SMART SHOPPING CART FOR AUTOMATIC BILLING AND PRODUCT RECOMMENDATION | Python, Numpy, Pandas, Spark
An Android application built to automatically scan products as they are put in a physical shopping cart for automatic billing and recommends other products based on Apriori and Alternating Least Squares (ALS) algorithms.

ML ALGORITHMS IMPLEMENTATION | Python, Numpy, Pandas
Implementation of Linear Regression, Logistic Regression, K-Nearest Neighbours and K-Means Clustering Algorithms from scratch on different datasets.

PAYME APPLICATION | HTML, CSS, Bootstrap, MySQL
An application based on PayTM having similar features for payments and shopping for customers.

SIMPLEX PROBLEM APPLICATION | Kivy, Python
An interdisciplinary project taken up in collaboration with the Industrial Production Department of the college to build an application for solving the Simplex Problem.

BINARY IMAGE CLASSIFIER | Python, Numpy, Pandas
A Cat vs Non-Cat image classifier based on Logistic Regression and Artificial Nerual Networks with 70% and 82% accuracy respectively.

LINE FOLLOWING BOT | Embedded C
A bot that uses IR sensors and a micro-controller to decide the path it should traverse based on black stripes.

CERTIFICATIONS

NEURAL NETWORKS AND DEEP LEARNING
• deeplearning.ai | May 2020 | [Certificate]

THE BEGINNER'S GUIDE TO COLOR THEORY FOR DIGITAL ARTISTS
• Udemy | March 2020 | [Certificate]

PYTHON AND FLASK BOOTCAMP: CREATE WEBSITES USING FLASK!
• Udemy | February 2020 | [Certificate]

AFFILIATIONS

LINUX CAMPUS CLUB (LCC), JSS STU
• Chief Coordinator
(Feb 2019 - Apr 2020)

YOUTH HOSTELS ASSOCIATION OF INDIA
• Member
(Dec 2018 - present)