Divya Gautam

A competent, reliable and aspiring data analyst

Address: 127,BHS,Allapur ,Allahabad

Phone: 7754095398,9839404968
Email:divyashreegautam@gmail.com
LinkedIn: Divya Gautam - University of Petroleum and Energy Studies - New Delhi, Delhi, India | LinkedIn
GitHub: github.com/divyashreegautam

Career Objective

To obtain a responsible, challenging, and awarding position in a software

development organization with an established track record where my skills, abilities

and technical abilities can be utilized.

Academic Background

Year(s)	Qualification – Degree	Board/ University	Percentage/ CGPA
2018-2022	B. Tech in Computer Science Engineering- Specialization in Business Analytics & Opt.	University of Petroleum and Energy Studies	7.54/10 (*till end of 5th sem.)
2017-2018	XII	NIOS	79%
2014-2015	X	CBSE	9.8/10

Training and Internship

Company: University of Petroleum and Energy Studies,Multiphase Flow Lab

Project Title: Conceptualized and developed a tool to simulate spreading of COVID-19 virus through air in Python and MS-Excel.

Job Description: Conceptualized and developed a tool to simulate spreading of COVID-19 virus through air in Python and MS-Excel. My responsibilities were to lead a team of 3 and document the daily updates and progress to report it to our internship supervisor.

Duration: September 1st 2020- November 1st 2020

Projects Undertaken

Project 1   Hackathon Project
Project Title: **Creating an OCR based tool based on Tesseract library.**
Description: The aim of this project was to create an OCR tool to solve problem of reading data out of forms in healthcare industry. Through OpenCV and Tesseract library developed by Google, the tool did image enhancement and optical character recognition

Duration:	Apr 2020 – May 2021

Project 2:	Minor-II Project
Project Title:	Analyzing and implementing CNN and training on CIFAR-10 data-set.
Description:	In continuation to our previous project and using it as a base and reference project, we implemented convolution neural networks on famous computer vision dataset, CIFAR-10. Programming language used is Python only.
Duration:	2020-2021

Project 3	Minor-I Project
Project Title:	**Analyzing and comparing machine learning algorithms on a common Data-set by implementing them from scratch.**
Description:	Successfully completed our Minor-I project as a team, where we implemented KNN algorithm along with a basic neural network on a common data-set. The goal to assess the training time, testing time, and execution time of these algorithms was also achieved. Programming language used is C completely.
Duration:	2020-2021

Online Certifications

- Introduction to Machine Learning with Python
- Introduction to Psychology (Coursera)
- Innovation & Entrepreneurship - From Basics to Open Innovation(Coursera)
- Data Warehouse Concepts, Design, and Data Integration(Coursera)
- Software Development Processes and Methodologies(Coursera)
- Social Services for Families, Seniors and Those with Disabilities(Coursera)
- Convolution Neural Network in Tensor flow (Coursera).
- Artificial intelligence, machine learning, and Deep learning (Coursera).
- Natural Language Processing in Tensor flow by Course Era. (Coursera).

Co-Curricular Activities/Achievements

- Winner of CoderCup, an intra-college competitive programming contest.
- Trained classical Bharatnatyam and Kathak Dancer at Suruchi Nrutya Kala-Kendra
- District Level Badminton Player and represebted my school in TT interschool competitions.
- 1st runner up in intra-college programming event conducted by United Club of Developers, UPES.
- Volunteering in social programs like "Swach Bharat Abhivayn" and "Digital Sashaktikaran Abhiyan "
- Working Committee member at UPES-CSI Student Chapter (2019-2020)
- Workshop: Radiance, IIT Bombay Automobiles and Robotics Technology.

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Skills

Experienced: C++, Java, Python, Tableau, MySQL

Familiar: Angular7, MATLAB, Flutter, Cloudera

Domains: Machine Learning, Data Structure and Algorithms, Web Development, Database management.

Soft Sills: Teamwork, Time Management, Self-Motivation, Analytical.

I hereby declare that the information stated above is true to the best of my knowledge.

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