Akash Singh

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Profile

To expand my knowledge, sharpen the skill and competency in the area of python, Mysql, Git as well as utilise my knowledge, skills, innate desire and motivation to achieve the goals of the organisation and simultaneously provide excellent opportunities for career development and personal growth.

Skills

- Python
- Numpy
- Pandas
- Django
- Mysql
- Deep learning
- Tensorflow
- Keras
- Creativity and complex problem solving ability
- Strategic planning and analysis
- C++
- Geometric dimensioning and tolerances (GD&T)
- Autocad -2D
- Solidworks
- Good communication
- Operations support
- Internal/External communications
- Coordinating and organising

Work Experience

Deep Learning   11 July 2022 - present
Summer Training, Internshala

- Getting started with Deep Learning :
- Types of Data, Types of Statistics, Measures of Centers, Measures of Dispersion,Python Basics, Introduction to Machine Learning and Deep Learning
- Artificial Neural Networks:
- Perceptron, Activation Functions,Neural Network stacking, ANN in Python, Test-Train split, Random Seeding

Software Developer Intern, IndiaMart   23rd May 2022 - 17th August 2022

- Worked with developers to identify and remove software bugs.
- Analyzed source code to identify functionality issues.
- Worked closely with peers to identify issues and provide suitable resolutions.

Data scientist   August 2021 - march 2022
iNeuron.ai, Remote Internship, Banglore

- Researched, designed and implemented scalable applications for data extraction, analysis, retrieval and indexing
- Compiled, cleaned and manipulated data for proper handling.

- Developed ML algorithm to analyze huge volumes of historical data to make predictions
- Studied technologies: Python,Django,Machine,Learning, Deep Learning

Internship, Varroc Engineering Ltd   June 2018 - July 2018

- Worked as intern at Varroc manufacturing department, was exposed to real life use of technologies such as Autocad and Solidworks.

Scilab Training,Maharaja Agrasen Institute Of Technology   10th February 2018

- Completed Scilab test with course material provided by the "Talk To A Teacher" project,
- conducted remotely from IIT BOMBAY.

Summer Trainee, CADD CENTRE   Jun 2017 - July 2017

- Completed summer training on Autocad and Solidworks and successfully designed different joints used in mechanical machine.

Education

Bachelor Of Technology: Mechanical And Automation Engineering   August 2015 - August 2019
Maharaja Agrasen Institute of Technology

- Graduated with a 6.62 CGPA.
- Concentration in Manufacturing Process, Engineering mechanics, Fluid mechanics, Thermal
- science, Theory of machine, Manufacturing machines, Management of manufacturing systems, Machine design, operations research, Computer Aided Design (CAD), Metal cutting and tool design.
- Major project : Analysis of Mechanical properties of Aluminium Matrix Composite (Al-SiC)

Senior Secondary Education   August 2013 - August 2014
Kendriya Vidyalaya Masjid Moth

- Percentage: 70%

Higher Secondary Education   August 2011 - August 2012
Kendriya Vidyalaya Pushp Vihar

- C.G.P.A : 9.4

References

Available upon request.

Certification

Solidworks and Autocad
Scilab training
Complete Data Science Bootcamp