Mayur Selukar

Machine Learning Engineer

Junior Year (B. Tech)
Computer Science & Engineering
Indian Institute of Information
Technology, Nagpur

CGPA: 9.3 till 6th Semester

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EDUCATION

2016-2020
B.TECH.
Computer Science Engineering
*Indian Institute of Information
Technology Nagpur (IIIT Nagpur)*
CGPA: 9.3/10(till 6th Semester)

2014-2016
INTERMEDIATE
*Maharashtra State Board of
Higher Secondary Education*
Percentage: 88.0%

SKILLS

LANGUAGES
Python, C/C++, Java

FRAMEWORK
Keras, Tensorflow, Scikit-Learn,
matplotlib, Numpy, Pandas, Flask.

OS
GNU/Linux, Windows

OTHERS
Web development, Markdown, Git,
Sublime Text, Eclipse, MySQL
Google Cloud, Amazon Web Services

COURSEWORK

Data Structures
Algorithm
Neural Networks
Discrete Mathematics
Statistics
Linear Algebra
Operating Systems
MySQL
Data Analysis

RESUME OBJECTIVE

Machine Learning and Deep Learning Enthusiast with experience using Convolution Neural Nets, Ensembles and in Data Visualization.

CERTIFICATION

March 2018 – Dec 2018   **Machine Learning Engineer, Nanodegree Udacity**

Built and Deployed various Supervised, Unsupervised and Deep learning models used transfer learning, ensembles, Feature transformation and extraction, deployed various Reinforcement learning algorithms, Explored cloud compute for training and deployment of models.

Supervised, Unsupervised, Deep and Reinforcement learning

Dec 2017 – March 2018   **Machine Learning Foundation, Nanodegree Udacity**

Deployed supervised model to predict housing prices, performed data analysis to test the given hypothesis on pollution data.
Curriculum included: Python Programming, Linear Algebra, Descriptive Statistics, Inferential Statistics, Evaluation and Verification of Machine Learning models

Python, matplotlib, Pandas, Numpy, scikit-learn

EXTRACURRICULAR ACTIVITIES

SEPT 2018 - NOW   **Training and Placement Student Coordinator (IIITN)**

Responsible for Developing and Executing the Placement strategy for CSE and coordinating all the activities related to Placement

JULY 2018 –NOW   **Head of ReLu Track at dotSlash Community (IIITN)**

Cofounded the ./(dotSlash) Programming community at IIITN, currently head of the ReLu (ML and AI Track) of the community.

SEPT 2016 - OCT 2017   **Representative (CSE) Student Academic Council (IIITN)**

Worked as the head student representative, headed various activities and organized gatherings and fests in college.

KEY PROJECTS

Nov 2018 – Dec 2018   **Teaching a Quadcopter how to Fly**

Designed a Deep Reinforcement Learning agent to control several quadcopters flying tasks, including take-off and hover.

Deep Reinforcement Learning, Deep Deterministic Policy Gradient

Aug 2018 – Nov 2018   **Plant Seedling Classification**

A Multiclass Classification problem to identifying plant species out of 12 different species by looking at a Photograph of the plant with a classification problem with accuracy of 84 Percent.

CNN, Deep Learning, Transfer Learning, Image Augmentation

Feb 2018 - March 2018   **Finding Donors for CharityML**

Used sklearn and supervised learning techniques like Decision Trees, Bagging and Boosting on data collected for the U.S. census to help a fictitious charity organization identify people most likely to donate to their cause.

Supervised ML, Ensembles, PCA