

Mayur Selukar

Machine Learning Engineer


Junior Year (B. Tech)


Computer Science & Engineering

Indian Institute of Information

Technology, Nagpur


CGPA: 9.3 till 7th Semester


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 IIIT Nagpur, Seminary Hills,
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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++

FRAMEWORK

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

OS

GNU/Linux, Windows

OTHERS

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

COURSEWORK

Reinforcement Learning

Data Structures

Algorithm

Neural Networks

Discrete Mathematics

Statistics

Linear Algebra

Operating Systems

Data Analysis

INTERN EXPERIENCE

July 2019 – Present

Software Systems Intern at TRDDC, Pune

Working to solve various real-world situations using the Reinforcement Learning Framework.

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 18 - 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 18 - JULY 19

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 16 - OCT 17

Representative (CSE) Student Academic Council (IIITN)

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

KEY PROJECTS

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

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

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