# Mayur Selukar

Curious CSE Student

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

**CGPA: 9.3 till 8th 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++

**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 – Jan 2020*      **Software Development and Research Intern, TRDDC Pune**

Design and development of RL Agents to dynamically allocate optimum resources to different activities of an order-to-activation business processes.

## 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*

*Nov 2019*      **Codechef certified Data Structures and Algorithms Programme (Foundation)**

CodeChef Certified Data Structure & Algorithms Programme (CCDSAP) is a certification for assessment of proficiency in programming using Data Structures and Algorithms under a proctored environment.

## 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*

**Student Record System**

Used data structures like BST and AVL Trees implemented a simple data storage and retrieval system for students' academic records

*Data Structure , Algorithms , AVL Trees*