**Mayur Selukar**

Curious CSE Student

Junior Year (B. Tech)

Computer Science & Engineering

Indian Institute of Information Technology, Nagpur

**CGPA: 9.3 till 7th Semester**

**INTERN EXPERIENCE**

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**CERTIFICATION**

*March 2018 – Dec 2018*

*Nov 2019*

[**Machine Learning Engineer, Nanodegree Udacity**](https://confirm.udacity.com/NRDG42K)

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*

**[Codechef certified Data Structures and Algorithms Programme (Foundation)](https://www.codechef.com/certificates/public/ffa08b2)**

[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.](https://www.codechef.com/certificates/public/ffa08b2)

*Data Structures, Algorithms, Optimization, Python , C++*

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

*July 2019 – Jan 2020* **Software Development and Research Intern, TRDDC Pune**

**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*

**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.

**EDUCATION**

2014-2016

**INTERMEDIATE**

*Maharashtra State Board of*

*Higher Secondary Education*

Percentage: 88.0%

2016-2020

B.TECH.

**Computer Science Engineering**

*Indian Institute of Information Technology Nagpur (IIIT Nagpur)*

CGPA: 9.3/10(till 6th Semester)

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[github.com/mrselukar](https://github.com/mrselukar)

[mrselukar.github.io](https://mrselukar.github.io/)

IIIT Nagpur, Seminary Hills, Nagpur, Maharashtra - 440006

**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

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