



## INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, NAGPUR

Mayur Selukar

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**CAREER OBJECTIVE:** Outgoing, passionate and enthusiastic. Machine Learning Engineer Nanodegree graduate from Udacity. Adept in Python, C/C++ with knowledge of Reinforcement, Machine & Deep Learning. Interested in working for organizations that allow me to gain valuable experience and grow as an individual along with the organizations.

### ACADEMIC QUALIFICATION

Enrollment no : BT16CSE003

Branch : Computer Science and Engineering

Current CGPA : **9.3/10**

QUALIFICATION	INSTITUTE	YEAR	SCORE/SGPA	CGPA
B.Tech. 6 <sup>th</sup> Semester	IIIT Nagpur		9.09	9.30
B.Tech. 5 <sup>th</sup> Semester	IIIT Nagpur		9.41	9.34
B.Tech. 4 <sup>th</sup> Semester	IIIT Nagpur		9.87	9.32
B.Tech. 3 <sup>rd</sup> Semester	IIIT Nagpur		9.54	9.15
B.Tech. 2 <sup>nd</sup> Semester	IIIT Nagpur		8.83	8.91
B.Tech. 1 <sup>st</sup> Semester	IIIT Nagpur		9.0	9.0
CLASS XII(HSC)	Maharashtra State Board	2016	%	88
CLASS X(SSC)	Maharashtra State Board	2014	%	94.4

### CERTIFICATIONS

- Machine Learning Engineer, Nanodegree Udacity** **Date: March – Dec 2018**  
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*
- Machine Learning Foundation, Nanodegree Udacity** **Date: Dec 17 - March 18**  
Deployed supervised model to predict housing prices, performed data analysis to test the given hypothesis on pollution data. Learned the basics of data exploration and visualization.  
*Python, matplotlib, Pandas, Numpy, scikit-learn*

### EXPERIENCE

- Software Systems Intern at TRDDC, Pune** **Date: July 2019 - Present**  
*Synopsis:* • Working to solve various real-world situations using the Reinforcement Learning Framework.

## PROJECTS/ACTIVITIES

- **Teaching a Quadcopter how to Fly**

*Synopsis:* 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**

*Synopsis:* 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 Charity**

Used 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*

## COMPUTER PROFICIENCY

- **Programming Languages:** Python, C/C++
- **FRAMEWORK:** Keras, Tensorflow, Scikit-Learn, matplotlib, Numpy, Pandas, Flask.
- **OTHERS:** Web development, Markdown, Git, Sublime Text, Eclipse, Google Cloud, Amazon Web Services

## CURRENT ACTIVITIES

- Co-Head of the programming community (DotSlash), IIIT Nagpur
- Training and Placement student coordinator for the computer science department, IIIT Nagpur

## EXTRA CURRICULAR ACTIVITIES

- Conducted a Two Day workshop on Introduction to Machine Learning at IIIT Nagpur.
- Class Representative computer science department and a member of the student academic council. Sept 2016 – Oct 2017
- TantraFiest 2017 Sponsorship Team Co-head
- Event Head for coding competition in TantraFiesta 2017
- Abhivyakti 2017 Hospitality Team Co-head

## PERSONAL DETAILS:

Date of Birth: 04<sup>th</sup> December 1997

Address: Vighnaharta Society, Plot No C-10 Hilltop, Ramnagar, Nagpur-440033

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I hereby acknowledge that the information furnished above is correct to the best of my knowledge.

Sign:

Date:

