

ARMY INSTITUTE OF TECHNOLOGY, PUNE – B.E. CLASS OF 2017

Name Aayush Yadav
Discipline Computer Engineering

Career Objective:

My interest in Data Science and Machine Learning grew in my Second Year, and I have been working on expanding my knowledge, largely through self-study and hands on with a group of fellow students.

My current goal is to gain sufficient exposure in a professional work environment and later proceed towards an R&D based portfolio. The overall objective being, to gain practical information that can be applied in the development of the ever growing field of Computer Science and thus contribute towards a digitally connected society.

Academic Details:

Year	Education Details	Institute/ Board	Percentage/ Grade	
2015-16	Third Year	University of Pune	62.73%	68.32%
2014-15	Second Year	University of Pune	68.77%	
2013-14	First Year	University of Pune	73.90%	
2012-13	12 th	CBSE	92.8%	
2010-11	10 th	CBSE	10 CGPA	

Technical Skills/ Proficiencies/ Domain Skills/ Software Skills:

- Programming Languages: Python, R and C++
- Software and Tools: Microsoft Azure ML, Windows and Linux OS
- Proficient in spoken and written English

Scholastic Achievements:

- Awarded the AWES Academic Scholarship in years 2010-12 and 2011-12

Projects Undertaken:

- **Standalone GIS Application** (June/July '15): A Military Project for CLAWS. Involved QGIS API(s), PostgreSQL DBMS, PyQt based UI, and all scripting was done in Python
- **Fine-Tuning Factors for Improving Air Quality Index** (January '16): Microsoft Data Science Student Challenge at IISc, Bangalore (Finalists)
Score an 'Air Quality Index' of a given region based on select features from data pulled from an open data-set and intelligent ways to improve the obtained Index. Microsoft Azure ML was used for design and testing.
- **A model for predicting propensity of claims in new insurance policies** (June/July '16): Edelweiss-Tokio Life Insurance
Designed and developed a Machine Learning model to predict propensity of claims in new insurance policies.
- **Generating image description for still images using Neural Networks** (2016-17): BE, Final Year Project - ongoing

Brief about Summer/Winter Internship(s):

- Centre for Land Warfare Studies (CLAWS): Built a GIS Application for CLAWS
June 2015 – July 2015 (2 months)
- Edelweiss Financial Services: Data Science project with the Risk Analytics team
June 2016 – July 2016 (2 months)

Certified Courses/Workshops (MOOC):

- Introduction to Linear Models and Matrix Algebra | Harvard Online
- Algorithms in Machine Learning | Dr. Sunil Shende, Rutgers University, Camden

Extra Co-curricular Achievements:

- Joint secretary of the Debate and Quiz Club
- Member of and contributor to the Magazine Editorial Board since 2013
- Writer for three online literary publications: The Bombay Review, The Coffelicious and Poets Unlimited

Hobbies:

- Creative writing
- Street photography (active social media profile)
- Curating photojournalism content
- Reading: modern classic fiction and philosophy

Personal Details:

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