

Aditya Goel

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EDUCATION

IIIT - ALLAHABAD

B.Tech in Information Technology
Dual M.Tech in IT (Robotics)
Cum. GPA: 8.36

JPHS, JAIPUR

High School
Grad. May 2016
Percentage: 95.5%
(Best 4)

LINKS

Github:// [Ellusionists](#)
LinkedIn:// [AdityaGoel](#)
Twitter:// [@itsAdityaGoel](#)

COURSEWORK

UNDERGRADUATE

Artificial Intelligence (on-going)
Software Engineering (on-going)
Database Management System
Operating Systems
Design and Analysis of Algorithms
Object Oriented Methodologies
Computer Architecture
Unix Tools and Scripting

SKILLS

PROGRAMMING

Languages
Python • Java • JavaScript • C/C++
Development Stacks
Django (Python) • Netbeans (Java) •
Android Studio
Libraries
Tensorflow, Keras, Pandas,
Theano, Numpy, Scikit
Familiar:
Jupyter • Anaconda • Matlab • \LaTeX •
MySQL/NoSQL Databases

PROJECTS

DEEP LEARNING | ALGORITHMS IN PYTHON

August 2018 - Present

- Predicting **stock prices** of various companies with high accuracy using **LSTMs**
- Detection of potential fraud in credit card application using **Hybrid Self Organizing Maps**
- **Churn Modeling** for banks: Predicting customer retention based on their geo-demographical and transactional information

VIRTUAL CLASSROOM | WEB-APP USING DJANGO FRAMEWORK

March 2018 - May 2018

- Created a 'Virtual Classroom' where students can enroll themselves in courses and view or download related content (videos, presentations, notes) regularly posted by the faculty, ask questions and get answers from faculty or peers.
- Responsible for modeling and coding the back-end system for the project

RESEARCH

ROBOTICS AND MACHINE INTELLIGENCE LAB

Jul 2018 - Present | IIIT-A

Working with **Prof G.C. Nandi** to Improve Speech and Gesture Recognition in Humanoid Robots using Generative Adversarial Networks and Recurrent Neural Networks

AWARDS

2017 Scholarship **Highest CGPA** in 1st year

VOLUNTEERING

ACTIVATING LEADERSHIP THROUGH EXCHANGES FACILITATED BY AIESEC

2018 **Kharkov, Ukraine** Quality Education For Everyone
2017 **Hefei, China** Sustainable Cities And Communities

LEADERSHIP

2018 Coordinator **AIESEC (Allahabad)**
2017 Organizer **Hack In The North**
2017 Member **FOSS Society**, <GeekHaven>, IIIT-A

CONFERENCES

2017 **Shanghai, China** Youth Leadership Development Conference
2017 **Delhi-NCR** PyCon-India

HACKATHONS

2017 Jaipur **Rajasthan Hackathon**
2017 MNNIT, Allahabad **Hack36**
2017 IIIT-A **IIIT-A Hacks**