Aditya Goel

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EDUCATION

IIIT - ALLAHABAD
(Presently 6th Semester)
B.Tech in Information Technology
Dual Degree M.Tech in IT (Robotics)
Cum. GPA: 8.49

JPHS, JAIPUR
High School
Grad. May 2016
Percentage: 95.5%

LINKS

Github:// **Ellusionists**
LinkedIn:// **AdityaGoel**
Twitter:// **@itsAdityaGoel**

COURSEWORK

UNDERGRADUATE
Computer Vision
Data Mining and Warehouse
Image and Visual Processing
Artificial Intelligence
Convex Optimization
Operating Systems
Design and Analysis of Algorithms
Computer Architecture
Graphic and Visual Computing

SKILLS

PROGRAMMING
Languages
Python • Java • JavaScript • C/C++
Development Stacks
Django (Python) • Netbeans (Java) •
NodeJS
Libraries
Tensorflow , Keras ,Numpy ,
Theano, Pandas, Scikit
Familiar:
Jupyter • Anaconda •Matlab • LATEX •
MySQL

RESEARCH

HAND GESTURE RECOGNITION ON NAO ROBOTS
Aug 2018 – Nov 2018 | IIIT-A
- Led a project under the guidance of **Prof G.C. Nandi (Chairman, Machine Intelligence and Robotics Laboratory)** .
- Built multi-class CNN based recognition system trained over a self created dataset containing 7 classes of gestures.
- Primary aim was to built a system that would allow robots to communicate effective with differently-abled people.

DECISION SUPPORT SYSTEMS
April 2018 – May 2018 | IIIT-A
- Worked under supervision of **Dr. Ranjana Vyas** on the topic "**Maximizing customer satisfaction through an online recommendation system**" .
- Focused on customer's after-use gratification as a measure of success of the model instead of the act of purchasing a product.

PROJECTS

EXPERT SYSTEM | CAREER GUIDANCE EXPERT SYSTEM USING CLIPS
October 2018 – Nov 2018
- Developed an expert system which would determine Myers-Briggs Type of a person and then suggest relevant career options on basis of academic background on basis of 30 unique questions that are asked to the user.
- Responsible for **modeling and coding the system** for the project

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

IMPACT OF DEMONETIZATION IN STUDENT LIFE
October 2018
- Wrote a paper on results of survey I conducted among the student of IIIT to study the impact of demonetization within college students.
- compared average change in expenditures, ease of usage of mobile payment apps and discussed possible improvements them.

SCHOLARSHIPS

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

VOLUNTEERING

ACTIVATING LEADERSHIP THROUGH EXCHANGES FACILITATED BY AIESEC

May-July'18	**Kharkov, Ukraine**	Quality Education For Everyone
May-July'17	**Hefei, China**	Sustainable Cities And Communities