Akshat **Aggarwal**

Final year student at IIIT Allahabad

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Experience

Summer Research Internship
Centre for Cyber Security, Indian Institute of Technology Kanpur

Kanpur
May. 2017 - July. 2017

- Developed a Threat Intelligence Dashboard
- Developed a Malicious URL Detection System
- Technologies Used : Elasticsearch, Logstash, Kibana, Python, Scikit-Learn

Summer Internship
HirePro

Bangalore
May. 2016 - June. 2016

- Developed a Resume Parsing System.
- Technologies Used : Python

Education

Indian Institute of Information Technology
Dual Degree (B.Tech + M.Tech) in Information Technology

Allahabad
Aug. 2014 - PRESENT

- CGPA - 8.09

Little Angels High School (CBSE)
Higher Secondary Education

Gwalior
2013 - 2014

- Scored 95% marks in Higher Secondary Examination.

Little Angels High School (CBSE)
Secondary Education

Gwalior
2011 - 2012

- Scored 8.8 CGPA in Secondary Examination.

Projects

Face Recognition and Verification System
IIIT Allahabad

Allahabad
Feb. 2017

- The Project aims to build a face recognition system that tags the face of the person recognized in the trained database, or gives an "unknown" tag to the person it does not recognize.
- Technologies Used : Python, OpenCV, NumPy, Scikit-learn, Pandas

Colorization of Gray-scale Images
IIIT Allahabad

Allahabad
Nov. 2016

- The project aims at colorising greyscale images using a deep convolutional neural network.
- Technologies Used : Python, Tensorflow

Handwritten Digit Recognition
IIIT Allahabad

Allahabad
Oct 2016

- The project aims at classifying images of hand-writtien digits (0-9).
- Technologies Used : Python, Scikit-Learn.

Technical Skills

Areas of Interest	Algorithms, Data Structures, Machine Learning.
Programming Languages	C, C++, Python, SQL

Achievements

July 2017	**My Project was featured on the home page of the website of Cyber Security Center**, IIT Kanpur	*Kanpur*
Feb 2016	**Vice-Chairperson**, at Lex Model United Nation Conferences, University of Allahabad	*Allahabad*
2012 - 16	**Best Delegate Awards**, at 5 Model United Nation Conferences and High Comm. at 3 Conferences.	*Across the Country*
Oct 2015	**Best Theme**, Ala Mode, Fashion Show, IIIT Allahabad.	*Allahabad*
Aug 2014	**Runner Up**, Kavi Sammelan, Foundation Day, IIIT Allahabad.	*Allahabad*
May 2014	**99.2 Percentile**, in Joint Entrance Examination (Mains) - 2014.	*Gwalior*

Extracurricular Activity

IEEE RAS UP Chapter   *IIIT Allahabad*
SECRETARY AND FOUNDING MEMBER   *2017*

- Organised a tech quiz and a programming contest.
- Organised a talk on Machine Learning in CyberSecurity by inviting Prof. Sandeep Shukla of IIT Kanpur.
- Organised a talk on Data Science for Security & Privacy by inviting Prof. Ponnurangam Kumaraguru of IIIT Delhi.

BackBone   *IIIT Allahabad*
ORGANIZER OF THE ANNUAL BACK END WEB DEVELOPMENT CONTEST AT IIIT ALLAHABAD   *March 2016*

- Co-Organized the 8-Hour event during Aparoksha, the IIIT Allahabad Tech Fest.

Literary Society   *IIIT Allahabad*
VOLUNTEER   *2014-2015*

- I worked for the Literary Society of IIIT Allahabad for one year, organising multiple events, during the Foundation Day and the Cultural Fest of our college.

HOBBIES
MY HOBBIES ARE -

- Programming
- Meditation
- Swimming
- Snooker
- Public Speaking
- Chess
- Reading Books
- Movies

Personal Skills

- Willingness to Learn & Explore.

- Good Oration & Presentation Skills.

- Good Logic & Problem Solving Ability.