Akshat Aggarwal

Indian Institute of Information Technology, Allahabad
(+91) 9838206921, 7985387019
iim2014005@iiita.ac.in
akshat16.agr@gmail.com
linkedin.com/in/akshat-aggarwal/

OBJECTIVE

To launch my professional career in an esteemed organization that will help to enhance my computer and cognition skills thereby contributing towards the aim of the organization.

EDUCATION

Dual Degree (B.Tech + M.Tech) in Information Technology   2014-2019
Indian Institute of Information Technology, Allahabad
   CGPA : 8.09

Higher Secondary Education   2013-2014
Little Angels High School, Gwalior (CBSE)
   Score : 95%

Secondary Education   2011-2012
Little Angels High School, Gwalior (CBSE)
   CGPA : 8.8

WORK EXPERIENCE

Summer Research Internship   May 2017
Centre for Cyber Security, Indian Institute of Technology, Kanpur

- Developed a Threat Intelligence Dashboard
- Technologies Used : Elasticsearch, Logstash, Kibana, Python

Summer Internship   June 2016
HirePro, Bangalore, India

- Developed a Resume Parsing, Preprocessing and Data Cleaning Utility.
- Technologies Used : Python

PROJECTS

Malicious URL Detection System   Dec 2017
IIIT Allahabad

- The project aims to detect Malicious URLs Using Machine Learning Algorithms.

- The algorithms used were TF-IDF for text tokenization and an ensemble of Decision Trees, KNN and Logistic Regression for classification.

- Technologies Used : Python, Scikit-learn

Face Recognition and Verification System
IIIT 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

Nov 2016

- The project aims at colorising greyscale images using a deep convolutional neural network.

- Technologies Used : Python, Tensorflow

Handwritten Digit Recognition
IIIT Allahabad

Oct 2016

- The project aims at classifying images of hand-writtien digits (0-9).

- Technologies Used : Python, Scikit-learn.

ACHIEVEMENTS

- July 2017 - My work at IIT Kanpur was featured on the official website of Centre for Cyber Security and Cyber Defense of Critical Infrastructure, IIT Kanpur

- December 2017 - Sercretary and Founding Member of IEEE RAS UP Chapter at IIIT Allahabad

- 2014 - Secured All India Rank of 10,969 out of 1.4 Million appearing candidates in Joint Entrance Examination (within top 0.8%).

- 2012-2016 - Best Delegate Awards at 5 Model United Nation Conferences.

TECHNICAL SKILLS

- Programming Languages : C, C++, Python, Java, SQL

- Interests : Machine Learning, Data Science, Data Structures, Algorithms.

HOBBIES

Programming, Swimming, Pool/Snooker, Public Speaking, Chess, Reading Books, Movies, Music.