Aakansh Gupta

EDUCATION

April, 2010 - March, 2014
Bachelor of Technology, Department of Electrical Engineering, Indian Institute of Technology Delhi, India.

April, 2008 - March, 2010
Senior School Certificate, Central Board of Secondary Education, India.

EXPERIENCE

Data Scientist, Uhuru Corporation (Tokyo, Japan) (Nov 2014 - Present)
- Consulting in the realm of machine learning, social listening and visualisation.
- Working on customer insights and behaviour prediction for a major Japanese telecommunications operator.

Data Services Intern, Delhivery Ltd.(Gurgaon, India) (May 2014 - June 2014)
- Prototyped an NLP model in python to convert free-text postal addresses to structured entities to solve a major logistics fulfilment problem in India.
- Presented a talk on "Freight transportation models in hub and spoke networks" for optimising operational costs and time in logistics.

Adv. Technology Group Intern, Wipro (Bangalore, India) (May 2013 - July 2013)
- Prototyped a distributed computing framework on Hadoop connected to In-memory databases and accessible from a mobile device.

Research scholar, National Chiao Tung University (Taiwan) (May 2012-July 2012)
- Presented a survey and talk on models of 3D video technology, image quality assessment and visual attention models.

AWARDS

6th position, **KDD Cup 2015**, 21st ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, Sydney. (July 2015)

Top 30 all over India to attend **International Mathematics Olympiad Training Camp** at Homi Bhabha Centre for Science Education, Mumbai, India. (Summer 2008, 09, 10)

Rank 16, **Indian National Mathematics Olympiad** 2008, the most prestigious mathematics olympiad in India. (2008)

Top 15 all over India selected to attend **Mathematics Nurture Program** at Tata Institute of Fundamental Research, Mumbai, India. (Summer 2011)

Rank 194 out of 450000 students in All India Joint Entrance Examination **(IIT-JEE)**. (2010)

Awarded **Merit Scholarship** for securing Rank 424 in All India Engineering Entrance Examination (AIEEE) 2010. (2010-2014)

KAGGLE COMPS   37 (out of 1089), **Ponpare Coupon Purchase Prediction** . Using past purchase and browsing behaviour, predicted which coupons a customer will buy for Japanese leading coupon site Recruit Ponpare. [blogpost: datascience.blog.uhuru.co.jp/?p=21]   (September 2015)

26 (out of 1323), **Caterpillar Tube Pricing Challenge**. Predicted price that a supplier will quote for various machine tube assemblies.   (August 2015)

87 (out of 1528), **AXA Driver Telematics Analysis Challenge**. Identify driver by his 'driving style' using GPS data of several trips.   (March 2015)

ACADEMIC PROJECTS   **Ant Colony Optimisation Heuristics.** (BTech Project) On shortest path algorithms to find globally optimal solutions to the graph colouring problem.   (Aug 2013 - Feb 2014)

Gender prediction from handwriting. A combination of SVM and feature selection algorithms to predict author's gender from handwriting.   (May 2013 - July 2013)

Face recognition based attendance system. Worked on Viola Jones algorithm and SVM based face identification to be used for classroom attendance system.   (Aug 2012 - Nov 2012)

SKILLS   **Tools/Libraries:** xgboost, gbm, e1071 (R); NLTK, pandas (Python); H2O, CRFsuite, Weka.
Languages: R (fluent), Python (intermediate), Matlab (intermediate).

Kaggle Profile: www.kaggle.com/aakansh9
Personal Webpage: aakansh9.github.io

HOBBIES   Portraits (charcoal, oil), chess (state-level), event management (CTM, Rendezvous 2013 IIT Delhi and others).