Anurag MISHRA

PERSONAL DATA

DATE OF BIRTH:	17 July 1995
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EDUCATION

2013 - Present Bachelor of Engineering(BE), **Computer Engineering**
Army Institute of Technology, Pune
Semester 1   84.2%
Semester 2   79.8%
Semester 3   80.8%
Semester 4   78.9%
Semester 5   80.0%
First in Department.

2012-2013 Class XII, ICSE Board
Percentage   94.8%

2010-2011 Class X, ICSE Board
Percentage   94.0%

INTERNSHIPS AND TRAININGS

AUG'15-SEPT'15 **Persistent Computing Institute(PCI)**, Pune
Course: Algorithms in **Machine Learning**
By : Dr. Sunil Shende, Rutgers University

MAY'15-JULY'15 **Indix**, Chennai
Software Engineering Intern
Title : Implementation of Wayback Machine for Indix's datasets.
› Indexed the huge product database of each day into various RocksDB shards.
› Created a service to access individual crawled instances of the same product page based on timestamps, using Hadoop, Mapreduce, Finatra etc.

NOV'14-JAN'15 **Indian Institute of Technology(BHU)**, Varanasi
Research Intern
Guide : Dr. Bhaskar Biswas, Indian Institute of Technology, BHU
Project : A recommendation system to provide category of a Facebook page from its description.
› Aggregated data of Facebook pages.
› Based on the textual similarity between the description of each page, categorized each page, using TF-IDF, cosine similarity.

JUNE'14-JULY'14 **Hewlett Packard Education Services(HPES)**, Pune
Summer Training
Training in **Core Java**
Grade : A, *Certification ID :* HP/STP/2014/S2500
Batch Topper.

PROJECTS

MAR 2016	**Self-sufficient prototype of self-driving car.** › An artificially intelligent car that can run autonomously. › Used a Raspberry Pi, camera, sensors, image processing and neural networks for decisions.
DEC 2015	**Moon phase prediction.** › Model based on Neural Networks for prediction of 'phase of moon' with its image. › Accuracy obtained: 91%.
OCT 2015	**ICU mortality prediction.** › Developed a model based on Neural Networks for prediction. › Used Random Forest Classifier for on-line prediction.
SEPT 2015	**Collaborative filtering approach for user and photo suggestions in Flickr.** › Compared similarity/distance methods like Cosine, Jaccard, Hamming.. › Developed a model to suggest similar users and likable photos on Flickr.
AUG 2015	**Analysis of tweets on map.** › Aggregated tweets using Twitter REST and Streaming API's. › Plotted the tweets on world map, and derived observations.
MAR 2015	**Application for Departmental library.** › A GUI based application to manage the library transactions.
FEB 2015	**Know your speed on rollerblades.** Featured on HACKADAY, DANGEROUS PROTOTYPES Link: http://hackaday.com/2015/02/12/know-your-speed-on-rollerblades/ Link: http://dangerousprototypes.com/2015/02/17/arduino-equipped-inline-sensor-skates/
JAN 2015	**Sentiment analysis of tweets and news articles.** › For any event, aggregate tweets and articles from NYT. › Compared the sentiments of people and news articles.
SEP 2014	**SoundCloud User Classification using metadata.** › Classified users into Band, Artist and Listener, using supervised Machine Learning algorithms like Decision Trees, Naive Bayes, SVM.

TECHNICAL SKILLS

PROGRAMMING LANGUAGE:	C, C++, Java, Python, Scala, Shell scripting
FRAMEWORKS:	Qt, Hadoop
PLATFORM/MODEL:	MapReduce, Arduino
OPERATING SYSTEM:	UNIX, Linux, Windows

SCHOLARSHIPS AND CERTIFICATES

- 1st prize in Amalgam 2015, alumni sponsored project, AIT Pune.
- 1st prize in Amalgam 2014, alumni sponsored project, AIT Pune.
- 1st prize in City App Challenge - JWEF 2014, BIMT Greater Noida.
- 2nd position in CodeRed - Tech Aakriti 2015, AIT Pune.
- 2nd position in CodeRed - Solutions 2014, AIT Pune.
- 1st position in Lawn Tennis - Sports Aakriti 2014, AIT Pune.
- Sir Ratan Tata Memorial Scholarship, for standing 1st in Computer Department,2014.

INTERESTS AND ACTIVITIES

- Hobbies include Lawn Tennis, Rollerblading.
- Member of AIT big data group.
- Member of AIT open source software(OSS) group.
- Attended seminar by CLAWS, New Delhi on "Applicability of Big Data in Defence".