AYUSH GUPTA

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EDUCATION

Bachelor and Master of Technology in Computer Science and Engineering May 2014 - July 2019 Indian Institute of Technology, Delhi, CGPA: 8.01/10

INTERNSHIPS

Works Applications Co. Ltd., Tokyo: Enterprise User Search	<i>i for Scheduler</i> May 2017 - July 201
 Developed a User recommendation engine in Apache Spark using enser Implemented and tested other techniques like Hierarchical User Cluster Devised strategy to test and save Model in RedisDB and fetch recommendation 	ring and Collaborative Filtering.
Goldman Sachs, Bangalore: Feature Recognition in Financial	<i>greeks</i> May 2018 - July 201
 Implemented targeted checks for some financial security types by obser Built framework for data driven checks in standard regulatory stress scenario 	
PROJECTS	
Canonicalization of Open Knowledge Graphs (Prof. Srikanta	Bedathur) July 2018 - June 202
 Implemented pipeline for extracting soft-schema from corpus using no Improved entity canonicalization to make cleaner graphs using word en 	
Poverty Mapping using Satellite Data (Prof. Aaditeshwar Set	th) July 2017 - May 201
 Built Models for census labels prediction at village granularity using tra Developed Built-up area classifiers in GEE using Random Forests, Cart 	0,
A basic functional shell (Prof. Sorav Bansal)	Jan 2017 - May 201
 Implemented functionalities like port and memory mapped IO, and the Added non-preemptive and preemptive scheduling and a Single Product 	
Cloud Computing Projects (Prof. S C Gupta)	July 2017 - Nov 201
 Designed Schemes for Consolidation, Partitioning, Replication, SnapShe Deployed Mini Social Application on Azure; Designed user databasing 	-
Data Mining Projects (Prof. Sayan Ranu)	July 2017 - Nov 201
 Implemented, Compared Greedy Maximal Marginal Select. with PageRa Compared Frequent Subgraphs mining algos.; Used Mined graphs as feat 	
TECHNICAL SKILLS	

Programming Languages C++, Python, JAVA, MATLAB, Scala, R, Bash Scripting, Standard ML, JavaScript Frameworks and Libraries Scikit-learn, TensorFlow, Android Studio, Apache Spark, CUDA, OpenMP

SCHOLASTIC ACHIEVEMENTS & HACKATHONS

- · Rivigo Coding Championship: National Runner-Up in NP-Hard Problem Solving Contest(8000+ teams) 2018
- Facebook Hacker Cup: Reached Round 2 by clearing qualification and Round 1 in the Last Edition. 2017
- · Asian Physics Olympiad: Won bronze medal at the 15th Asian Physics Olympiad, Singapore. 20142012
- **KVPY**: Secured All India Rank-14 and awarded prestigious fellowship by IISc, Bangalore.

COURSE WORK

Discrete Mathematical Structures, Probability & Stochastic Processes, Parallel and Distributed Systems, Computer Networks, Database Management Systems, Analysis & Design Of Algorithms, Operating Systems, Cloud Computing Fundamentals, Wireless Networks, Artificial Intelligence, Software Design Practices, Microeconomics.