

Aditya Mahajan

(972)-855-7961: adityamahajan1392@gmail.com

linkedin.com/in/adityamahajan2

github.com/MurdoCC007

EDUCATION

M.S., Computer Science, Data Science
The University of Texas at Dallas

May 2017
GPA **3.66**

B.E., Computer Science
Panjab University, Chandigarh, India

June 2014
CGPA **8.3/10**

WORK EXPERIENCE

Cisco June 2017-Present

Software Development Engineer II

- Working on the licensing platform for the new generation Catalyst Switches

CodeChef, Mumbai, India October 2014-June 2015

Software Development Engineer

- Developed a fuzzy search for institution lookup for registering candidates on the website
- Wrote CRON jobs to daily extract the rank/popularity on websites like Alexa, LinkedIn, Facebook and Twitter

Alert Enterprise Inc., Chandigarh, India January 2014 - September 2014

Software Development Engineer

- Wrote the backend queries for the incident monitoring dashboard
- Redesigned legacy backend to integrate with the new badge designer UI

ACHIEVEMENTS

- Google Code Jam- Reached the second round and secured a rank of 883 out of 10000 participants.
- Ranked 245 out of 4000 participants in the Santander prediction challenge on Kaggle.

TECHNICAL SKILLS

Programming Languages and Tools: Python, Java, C, C++, JavaScript

Databases: MySQL, Pig, Hive

Data Science Languages and Tools: R, Spark, Hadoop, Mapreduce, PySpark, Django

PROJECTS

SaReGaMa Search Engine

- Made a music search engine using Apache Solr and Apache Nutch as a class project
- Used HITS, clustering and query expansion to get an engine comparable to google.

Joke Recommender System

- Made a joke recommender system using PySpark and Python Flask
- Used ALS algorithm to predict the rating of a user for a given movie

Credit Score Analysis

- Used the kaggle dataset to analyze the possibility of defaulting of a person in the next two years
- Used Apache Spark, Hive and ML pipeline to model the data. Made three different input models, using logistic regression, gradient boosting and random forest trees