



Sarvajanik Education Society

Sarvajanik College of Engineering & Technology  
Computer Engineering Department



**A Report on Interaction with Alumni**

**Organized by  
Computer Engineering Department**

**Coordinated by  
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(SCETAA Representative, Computer Department)**

**Alumni  
Er. Minesh Javiya**

**On  
11<sup>th</sup> Jan, 2017**

Computer Engineering Department had organized a session on "Drools - BRMS (Business Rule Management System)" and "Predictive Analysis using R" - An Introduction for the B.E third, final and M.E first year students on 11 January, 2016 initiated by SCET Alumni Association under the banner of "Share What I Gain".

The motive of the talk was to gain knowledge about current trends in Data mining and Business analytics applications and also to motivate present students to achieve their career goals in the said field. Around 73 students of Computer Engineering had attended this session which comprised of 19 students from fourth year and 54 from third year. This session was conducted at 1:30 pm.

### **About the Alumni:**

The brief profile of the speaker is as follows:

BE in Computer Engineering from SCET (2013 pass out)

MS in Computer Science from State University of New York at Stony Brook (Graduated May'15)

MS in Analytics (currently pursuing)

Also, he is currently working as a Full stack Software Engineer in Teledata Communication in Islandia, New York since from last 1.5 years.

His expertise is as follows:

- Android Application Development and Android system security
- Drools(Financial open source tool used by almost every financial institution in usa, maintained by Red Hat and JBoss)
- AngularJS, MsSQL, Java, ElasticSearch, RESTFull Services.
- Analytics: Predictive and descriptive analytics both.

### **Highlights of the interaction:**

- **An insight into his journey from SCET to his current profile and important pointers for the students to improve their performance in interviews**
  - The speaker was very enthusiastic and discussed fundamental things that students must keep in mind for succeeding in their field of study. He discussed a strategy for making project groups at the BE level and how one should be able to learn from his project mates.
  - Further, the speaker stressed on the fact that students must not resort to

plagiarism at all levels. This will help them learn on their own and these ethics are important for them in the future as well. He stated that code semantics need to be checked by faculties to avoid plagiarism of code.

- Further, he discussed the importance of core subjects like algorithms and data structures and how the rigorous interviews at Facebook, Google and the likes focus on these core competencies.
- He also asked the students to contribute in their own way to open source solutions like github and Python libraries. This would benefit the community and be an important add on for their resumes.
- An important advice from the speaker was to actively solve the problems and challenges on the websites : [www.leetcode.com](http://www.leetcode.com), [www.hackerrank.com](http://www.hackerrank.com), [www.geeksforgeeks.org](http://www.geeksforgeeks.org)

- **"Drools - BRMS (Business Rule Management System)" and "Predictive Analysis using R" - An Introduction**

- The speaker further talked about Drools-BRMS in Decision Lender-4 as he had himself implemented Drools workbench from scratch by converting 11000 lines of code to 700 lines of code. Drools is an open source tool by RedHat. He explained about code injection used by Drools. He also motivated students to use open source technologies.
- He had also highlighted that AI, Machine Learning, Analytics are in today's trends and explained about how to handle structured and unstructured data, as well as missing data in business applications practically.
- He described about his 2 patents on analytics, he is currently working on and also discussed about prototyping using R studio.

### **Some glimpse of the interaction:**





