

# Yogeshwar Dan Charan(793/IT/12)

## Education

- 2012–2016 B.E.,Information Technology,Netaji Subhas Institute of Technology,Delhi,74.65% at the end of five semesters
- 2010–2011 AISSCE/Class XII,CBSE, 88% in (P/C/M)
- 2008–2009 AISCE/Class X,CBSE, 85.06%

## Academic Achievements

- 2012-Present Among top 7 in department of 90,granted merit scholarship for first and second year of college
- 2012 AIEEE Rank:5013 among more than 11,87,000 candidates,(top 4% )

## Technical Skills & Courses

- Languages Actively used :C,C++(STL),Have used :Ruby,Java,R,Python
- Courses Algorithms,Data Structures,Database Systems, Operating Systems,Software Engineering,Engineering Software as a Service(UC Berkley:CS169,Ongoing)

## Projects and Internship

- Nov,2015 **Hangperson Game using Sinatra,(Heroku link).**
- Developed a Hangperson Game using Sinatra framework as a part of ongoing course on ESaaS.Developed using TDD methodology in Ruby and finally deployed on Heroku.
  - Tools:**Ruby,Sinatra,Git,Heroku
- Oct,2015 **Webapp development,Diabetronics, Ongoing.**
- Responsible for developing backend of web app.Handled tasks such as database schema design ,configuring RDS instance on AWS,developing business logic.
  - Tools:**Ruby,Rails,AWS,Git,Bitbucket
- Aug,2015 **Research project on Wireless Sensor Networks,(Synopsis link), Ongoing.**
- Working on a project under Professor Samayveer Singh, to devise a protocol which improves energy efficiency in wireless sensor networks and hence improve overall network lifetime.Explored background work and reviewed literature in this domain.We plan to use multi-level clustering along with randomization in Cluster Head Selection to reduce the average transmission cost per node per round.
- Jun,2015 **Build automation using Gradle,Evolpin Software,Inc, Internship.**
- Worked on automating the build process in coordination with the Adobe products plugin development team.Used **Gradle** to automate task of packaging and installation of plugin at the end of each new commit to code which made the process faster and easier for development team.
  - Tools:**Gradle
- Jan,2015 **E-mail subject classifier(Github Link).**
- Implemented an e-mail subject classifier based on Naive Bayes algorithm.Model was trained using a pre-classified training data set of e-mails to extract features such as frequency of occurrence of word in subjects of e-mails of particular category(spam/non spam).Model was found to work with an accuracy of around 80% to 90% with training data set varying from 200 to 800 elements.
  - Tools:**Python
- Oct,2014 **Class room management system(Github Link).**
- A command line based python program to demonstrate a Class Room Management System ,provides functionality to create ,view and delete student,subject,teacher and subject-teacher associationship ,can load and dump data in json format.
  - Tools:**Python,Git,JSON