



Ojasvin Sood

Roll Number : 150123048

B.Tech - Mathematics and Computing
Indian Institute of Technology Guwahati

+91-8473934620

ojasvinsood@gmail.com

ojasvin@iitg.ac.in

www.linkedin.com/in/ojasvin-sood-73a6b5127/

<https://github.com/ojasvin/>

Education

| Degree/Certificate | Institute/Board | CGPA/Percentage | Year |
|--------------------|--|-----------------|----------------|
| B.Tech | Indian Institute of Technology, Guwahati | 8.77 (Current) | 2015 - Present |
| Senior secondary | CBSE board | 95.0% | 2015 |
| Secondary | ICSE board | 94.6% | 2013 |

Projects

- **Clustering based ensembles for One Class Classification** July, 2017
Dr. Ashish Ghosh, Professor, Machine Intelligence Unit, ISI Kolkata
A project to implement Clustering based ensembles for One Class and Multi Class Classification Problem.
- **Toy Language Interpreter** March, 2017
Dr. Kalpesh Kapoor, Professor, Dept. of Mathematics, IIT Guwahati
A project to implement Python based Toy language interpreter with functionalities including Functions, Loops, If-else, Error and Exception Handling and Print Statements.
(Github link - <https://github.com/ojasvin/Toy-Language-Interpreter>)
- **Bi-Variate General Exponential Distribution** March, 2017
Dr. Arabin Dey, Assistant Professor, Dept. of Mathematics, IIT Guwahati
A project to implement a uni-variate and bi-variate general exponential distributions in R using Inverse transform, Acceptance Rejection and Sampling methods.
- **Typing Aid (Glove)** April, 2017
Robotics Club (IIT Guwahati)
Arduino based glove like typing aid for specially-abled people.

Technical skills

- **Programming languages** : C, C++, Python, Matlab, R, Java *
 - **Web technologies** : HTML*, CSS*, Javascript*, PHP*
 - **Database management** : MySQL*
 - **Operating system** : Windows, Linux
- * Elementary proficiency

Key courses taken

- Introduction to Computing
- Data Structures and Algorithms
- Deep Learning by Udacity*
- Monte Carlo Simulation
- Financial Engineering
- Probability and Random Processes
- Discrete Mathematics
- Ordinary Differential Equations
- Partial Differential Equations
- Computer Programming Lab
- Data Structures Lab with Object Oriented Programming
- Machine Learning by Coursera*
- Linear Algebra
- CS50 course by edX*
- Game Theory and Economics
- Computer Organisation and Architecture
- Modern Algebra
- Real (single & multi-variable) and Complex Analysis

*Online Courses

Positions of Responsibility

- Core Team Member Team Technothon 2016 (the International School Competition conducted by IIT Guwahati).
- City representative, Kolkata, Technothon 2016.

Achievements

- **Joint Entrance Examination 2015** : Secured All India Rank 4260 among 0.15 million candidates appearing for the test.
- **Awarded Change of Discipline** : Secured branch change to Mathematics and Computing in the first year by securing a position in top 10% of the batch .

Extracurriculars

- **Spardha 2017** : Represented Hostel in sport of Lawn Tennis in Spardha (Inter Hostel Sports Tournament)
- **Spardha 2017** : Represented Hostel in sport of Basketball and reached semi finals in Spardha (Inter Hostel Sports Tournament)
- **Remedial Classes** : Took remedial classes in Barak Hostel for the First year students in 2017.
- **ABC contest 2016** : Secured 1st position in the National level contest.