



Shubham Shukla

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About me

Final year student with passion in data science and analytics and interest in research with full of enthusiasm to gain new skills, seeking an opportunity in related fields, where I can utilize my skills and learn at the same.

Skills

- Python, R
- Machine Learning
- Data Visualization
- Data Analytics
- Statistics
- Predictive Analytics

Education

NORTHERN INDIA ENGINEERING COLLEGE(GGSIPU) – New Delhi, Bachelor of Technology – ECE, 70.61%	2014-2018
DTEA SENIOR SECONDARY SCHOOL(CBSE) – New Delhi Higher Secondary, 84.40%	2014
DTEA SENIOR SECONDARY SCHOOL(CBSE) – New Delhi Secondary, 87.40%	2012

Experience

INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY – Jun'17 - Currently
Research Intern

- Data extraction and munging.
- Data analysis and visualization.
- Database management.
- Predictive Analytics of complex data.

INDRAPRASTHA POWER GENERATION COMPANY LIMITED–Jul'17-
Aug,17

Summer Intern Cum Trainee

- Powerplant operation study.
- Analyze data collected from power plant.

MICROSOFT – Nov 2015 – May,17

Microsoft Student Partner

- Conducting workshops on various products and platform of Microsoft.
- Awareness programmes about Microsoft products and services.
- Encouraging students to take part in different competitions orgnized at different levels by Microsoft.

IEEE DELHI SECTION– Jan 2016 – May’ 17

Technical Activities Coordinator

- Planning and Implementation of technical activities on the behalf of IEEE Delhi Section.
- Building Industrial collaborations for skill development and other simmlar activities.
- For bringing oppourtunities for other student members of the section.
- Industrial Collaboration between IEEE Delhi Section and Microsoft for workshop on Cloud Computing on Microsoft Azure platform for student.
- Industrial Collaboration between IEEE Delhi Section and Texas Instrument University Program for skill development workshop and Hackathon.

Projects

FLAVOUR DB

A database for flavor molecules.

Link: - (<http://cosylab.iitd.edu.in/flavordb>)

ANTENNA DESIGN PREDICTION

Using Machine learning approach to predict design of single patch antenna.

Link: - (https://github.com/shukla97/antenna_design_prediction)

SWEETNESS PREDICTION

Using Machine learning for sweetness prediction of molecules using (quantitative structure–property relationships) QSPR approach.

Link: - (https://github.com/shukla97/sweetness_prediction)

Publication

Co-author, “Flavor DB: a database of flavor molecules, *Nucleic Acids Research*, gkx957” (<https://doi.org/10.1093/nar/gkx957>)

Achievements

- Won 2nd prize at Intel Hardware Hackathon organized at IGDTUW along with an intel Galileo board.
- My idea “Evolution of mankind through IOT” selected among top 10 worldwide in an online competition hosted on popular online platform Hackster.
- Attended AISYWC-2016, Annual Student/YP/WIE congress of IEEE-INDIA Council held in Jaipur.
- Organized DSC-2016, Annual Event of IEEE-Delhi Section at Delhi Technological University.
- Organized and Trained at IEEE India Strategic Initiative Student Retention Project.
- Trained students Circuit simulation and assembling.

Co-/Extra-Curricular Activities

- Technical Activities Coordinator at IEEE Delhi Section.
 - Volunteer at IEEE SIGHT, New Delhi.
 - Student Volunteer at IEEE NIEC Student branch, IEEE Delhi Section.
 - Organizer College Annual Techno Cultural Fest “INNOVIZ-2016”.
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