



Akhil Soni

Roll Number: 180122004
B.Tech - Chemical Science and Technology
Indian Institute of Technology, Guwahati

+91-8349598224
akhilsoni0102@gmail.com
soni18@iitg.ac.in
www.linkedin.com/in/akhilsoni
github.com/AkhilSoni0102

Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Technology, Guwahati	7.65 (Current)	2018 - Present
Senior secondary	MP board	77%	2017
Secondary	CBSE board	7.4	2015

Projects

- **Predicting Age Group** December'20
 - Predicting age group of users in Trello based on their activity, using algorithms KNN, Decision Tree, Random Forest, and XG Boost using sci-kit learn with maximum F1-score of 74.81% via XG Boost.
- **Fake News Classifier** June'20
 - Detection of fake news with the help of a neural network model followed by LSTM using Keras, with test accuracy of 98%.
- **Big Mart Sales Prediction** August'20
 - Implemented ML algorithms, SVM, Decision tree regression, Random forest regression, XGBoost using sci-kit learn, with maximum r2_score of 0.6034 via XGBoost.
- **Loan Prediction** August'20
 - Implemented KNN, SVM, Decision tree, Logistic regression using sci-kit learn, with a maximum accuracy of 0.76 via KNN.

Technical skills

- **Programming languages:** C/C++*, Python, Matlab*
- **Web Technologies:** HTML, CSS
- **Database Management:** MySQL
- **Operating system:** Windows, Linux*

* Elementary proficiency

Key courses taken

- Machine Learning with Python*
- Python for Data Science and AI*
- Linear Algebra
- Pattern Recognition and Machine Learning
- Introduction to computing
- Advanced Calculus
- Differential Equation

* Online Course

Positions of Responsibility

- **Core Team, Workshops, Techniche 2020**
 - Managing the branding, promotion, and conduct of the workshop while leading a team of 8 people.
- **Member of the Mess Management Committee, Siang Hostel**
 - Managing the environment, quality, and the services provided by the mess of my hostel.
- **Associate Manager, PR and Branding, Udgam 2019**
 - Branding of different events under Udgam to promote entrepreneurial culture.
- **City Representative, Technothon'19**
 - Represented Technothon in Satna, Madhya Pradesh.

Extracurriculars

- **Strategy Storm:** Participated in consulting competition at Udgam
- **Guwahati Half Marathon'19:** Conducted a marathon in Guwahati
- **Muskan:** Social initiative for children at IIT Guwahati for Techniche 2019
- **Manthan:** Participated in inter hostel dance competition