



Princy Asawa

Roll No.:180122035

B.Tech - Chemical science and Technology

Minor in Electronics and Communication Engineering

Indian Institute Of Technology, Guwahati

+91-7425070339

asawa@iitg.ac.in

princyasawa@gmail.com

GitHub

LinkedIn

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	8.68 (Current)	2018-Present
Senior Secondary	MP Board	90.8 %	2018
Secondary	CBSE Board	10.0	2016

EXPERIENCE

- Summer Analyst, Goldman Sachs** *May 2021 - Jul. 2021*
Strategist at the Lending Decision Sciences team of the CIMD division
 - Worked with python, pandas and pyspark frameworks to query data and execute the models.
 - Used **machine learning** models to perform **segment-level analysis** for finding the price sensitivities of the customers.
 - Analyzed the model segments results by plotting **price curves** for customers.
- Infuse India** *Sept. 2020 - Oct. 2020*
Front End Developer
 - Used HTML, CSS and Bootstrap to revamp the front-end of the website.

PROJECTS

- AI-powered Tic-Tac-Toe** *May 2020*
Mr. Harsh Thakur, Principal Engineering Manager, Microsoft GitHub
 - Created a tic-tac-toe game web app for humans vs computers with level difficulties.
 - Used **Minimax algorithm** to build the game and added scoreboard for 2 player game.
- Fake News Detection** *April 2021*
Dr. Prithwjit Guha, Assistant Professor, Dept. of EEE, IIT Guwahati
 - Built an **NLP Model** to predict if the news is fake or real.
 - Used TF-IDF vectorizer, Logistic Regression, and Count Vectorizer in the pipeline.
- YelpCamp** *July 2020*
 - Created an online image gallery using Node.js framework where users can display images and post comments.
 - Implemented user-authentication features(signup, login, logout) using Passport.js tools.

TECHNICAL SKILLS

- Programming:** C, C++, python, Fortran*
- Web Technologies:** HTML, CSS, Javascript*, Bootstrap
- Frameworks/Libraries:** PySpark, Pandas, Numpy, Matplotlib, Scikit-learn
- Database Management:** MySQL, MongoDB* ** Elementary proficiency*

KEY COURSES TAKEN

- Computer Science:** Data Structures and Algorithms
- Data Science:** Pattern Recognition and Machine Learning
- Mathematics:** Linear Algebra, Real Analysis, Multi-Variable Calculus, Partial Differential Equations

POSITIONS OF RESPONSIBILITY

- Department Internship Representative,** Chemical Science and Technology *Aug. 2020 - May 2021*
- Event Head,** Chesta, Department of Chemistry *Apr. 2020 - March 2021*
- Core team,** Techolympics and funniche, Techniche *Oct. 2019 - Sept 2020*
- Sports Secretary,** Dhansiri Hostel, IIT Guwahati *Apr. 2019 - March 2021*

ACHIEVEMENTS

- Microsoft Codess 2020,** Selected among top 250 females in India for a 2-month mentorship program.
- Department Rank 3,** Current rank 3 in Chemical Science and Technology Batch of 2022
- Joint Entrance Examination 2018,** Secured All India Rank 9048 among 0.2 million candidates.

EXTRACURRICULARS

- Sports**
 - Represented IIT Guwahati in Volleyball at **53rd and 54th Inter IIT Sports Meet.**
 - Secured the title of '**Best Female Player, Volleyball**' in Spardha 2020
 - Secured First position at Volleyball Inter-College Tournament, Spirit 2019.
- Myntra Hackerramp,** Participated in Myntra's web development hackathon, WeForShe 2021.