

Saanika Gupta

[LinkedIn](#) ◦ [GitHub](#) ◦ guptasaanika@gmail.com ◦ +91-7748892158

EDUCATION

International Institute of Information Technology, Naya Raipur, Chhattisgarh, India

Bachelor of Technology

Aug'2017-Present

Computer Science & Engineering

CGPA: 9.48/10 (till 6th semester)

Brilliant Public School, Bilaspur, Chhattisgarh, India

Class XII, AISSCE, CBSE (Science)

Year: 2017, Percentage: 91.2

Delhi Public School, Bilaspur, Chhattisgarh, India

Class X, AISSE, CBSE

Year: 2015, CGPA: 10

WORK EXPERIENCE

• Nasdaq, Bangalore, India

Busiess Intelligence Summer Intern, 2020

Manager: Mr. Michael Sharkey, Managing Director, NASDAQ OMX

- Built a Business Dashboard to help Business leads take data-driven business decisions.
- *Tech Stack: DAX, Microsoft Power BI, SQL Server Management Studio, Tabular Editor*

• Robotics and AI Lab, IIIT-Allahabad

Summer Research Intern, 2019

Mentor: Prof. G. C. Nandi, Advisor, IIIT Allahabad

- Developed a 1D CNN model for end-to-end autonomous mobile robot navigation and achieved an accuracy of 88.3%.
- The model predicted steering commands from laser sensor data (received from LiDAR) and goal information.
- *Tech Stack: Python, Keras, Gazebo—[GitHub](#).*

PROJECTS

• Idetification of Deepfakes using Advanced Deep Learning

Jan'20 - April'20

Mentor: Dr. N. Srinivas Naik, Asst. Professor, CSE, IIIT-NR

- Developed a Deepfake detection network pipeline to detect videos with facial manipulation.
- **Ranked 328 out of 2265 teams (top 15%)** in the private leaderboard on [Kaggle](#).
- *Tech Stack: Python, Keras, OpenCV—[GitHub](#).*

• Early Warning System for ADRs—Genpact's Challenge Winner

Aug'19 - Jan'20

Mentor: Mr. Suresh Kumar, Vice President, Genpact

- Developed a web application for doctors to get information regarding the probability of ADR associated with the drugs to be prescribed to their patients.
- **Won prize money of INR 3 lakh in Genpact's "Dare in Reality" Challenge.**
- Over **1600 teams** participated including professionals and students.

TECHNICAL SKILLS

Languages: Python, C (Prior Experience), Java (Beginner), L^AT_EX

Web Development: HTML, CSS, JavaScript, Express, Node.js, MongoDB

Data Science: Keras, NLTK, Scikit-Learn, OpenCV, Matplotlib, NumPy, Pandas

Softwares & Tools: Git, GitHub, Heroku, Power BI, Anaconda, MATLAB, Oracle SQL Developer

SCHOLASTIC ACHIEVEMENTS & EXTRA-CURRICULAR

1. Achieved **CodeChef Highest Rating of 1806 (4 star)**—[Codechef](#).
2. Research poster titled, "Fake News Detection using Deep Learning and NLP" accepted at **HiPC'19—26th IEEE International Conference**.
3. Awarded a full merit-based scholarship on B.Tech tuition fees by C.G. Government.
4. **Event Head** of Coder's Crusade, a competitive coding event in Technovate (college fest) 2019.
5. Ranked in **top 2K out of 60K** participants in CodeChef SnackDown 2019.
6. Led the music club of IIIT-NR (Capriccio) and performed in college fest and orientation program.
7. **All India Physics Topper** in CBSE Pariksha 2017.