Abhishek Dutta, Graduate.
Computer Science and Engineering.

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🌐 https://github.com/Duttabhi
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Work Experience

05/2019 – 07/2019	🔖	**Software Developer Intern,** HERE Technologies, Mumbai. Developed an online tool to remove duplication of geospatial data.
05/2018 – 07/2018	🔖	**Research Intern,** Computer Science and Engineering Department, under Prof D. B. Phatak, IIT Bombay. Developed an open-source resource management system for spoken-tutorial.org, a project under the MHRD, Govt. of India.

Education

2016 – 2020	🔖	**B.Tech Honours, National Institute of Technology, Raipur.** Computer Science and Engineering. CGPA: *9.89/10, Gold Medal.*
2014 – 2015	🔖	**Senior Secondary School** Nirmala Convt. High. Sec. School, Kosabadi, Korba (CBSE). Percentage: *89.80%.*
2012 – 2013	🔖	**High School** Nirmala Convt. High. Sec. School, Kosabadi, Korba (CBSE). CGPA: *10/10.*

Research Publications

Conference Proceedings

1 **Dutta A., Nayak A. et al.** (June, 2020). A neuro fuzzy system based inflation prediction of agricultural commodities, In *Proceedings of the 11th International Conference on Computing, Communication and Networking Technologies. (ICCCNT 2020)*, IIT Kharagpur, India. 🔗 https://bit.ly/3jjLxN8

2 **Dutta A., Jain N. et al.** (May, 2020). A hybrid deep learning approach for stock price prediction, In *Proceedings of the 4th International Conference on ICT for Intelligent Systems (ICTIS 2020)*, Ahmebad, India. 🔗 https://bit.ly/30uoSoG

Skills

Languages	🔖	C/C++, Java, Python, Prolog, Lisp.
Analytics	🔖	Numpy, Pandas, Matplotlib, Keras, MySQL, Microsoft SQL Server, Pafy, Jupyter Notebook.
Web Dev	🔖	Html, css, JavaScript, Tomcat Web Server, Spring Boot, Vue.js.
Misc.	🔖	Linux, Windows, GitHub, LaTeX, Microsoft Office, Cisco Webex, Octave.

Projects

2020	🔖	**Predicting Price of Agricultural Commodities**, based on Fuzzy Inference System and Sentiment Analysis of Textual Records.
2019	🔖	**Stock Trend Analysis**, Use of Recurrent Neural Networks and Sentiment Scores to predict the time series values of a stock in the share market.
2018	🔖	**Intrusion Detection**, Determination of Unregistered face using ESP32 CAM and Arduino.

Achievements

2020   **Merit Award**, Institute Rank 1 throughout the B.Tech Course from over 5000 students.

2019   **Department Prize for Outstanding Student Performance**, Dept. of Physics NIT Raipur.

2018   **Inovator's Award** at Annual Technical Fest NIT Raipur.

2017   **Winner at Musical Night** in Annual Cultural Fest NIT Raipur.

2014   **Vigyaan Paheli Pratiyogita** winner of Chhattisgarh State conducted by SCERT Raipur.

2013   **Indian National Mathematics Olympiad (INMO)** under 600 conducted by HBCSE, TIFR, Mumbai.

Certifications

2020   **Data Science and Machine Learning Bootcamp** Udemy, Jose portilla.

2019   **Introduction to Machine Learning**, Coursera, Andrew Ng.

2018   **Quantum Computing** edX, Umesh Vazirani.

2017   **Core Java** Thought Applied Creations, Raipur.

Interests

Tabla, Music, Travelling, Cycling, Reading, Badminton, Rubik's Cube.