

Debashish Reang

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Education	Indian Institute of Technology Kanpur , Kanpur, UP Bachelor of Technology in Electrical Engineering, May 2021 (<i>expected</i>). NPS International School Guwahati , Guwahati, Assam Graduated top of the Class in Science Stream. GPA: 95.6/100.0 All India Senior School Certificate Examination (AISSCE), 2017
Experience	Dept. of CSE, IIT Kanpur (Adviser: Prof. Preeti Malakar) 05/2019 - Present <ul style="list-style-type: none">Conduct research in High Performance Computing for weather simulation and real-time visualizationImprove the present codebase for performance optimization & enhance UI for Integrated Steering (InSt) NPS International School Guwahati Guwahati, India Teaching Intern Summer 2018 <ul style="list-style-type: none">Physics, Chemistry, and Mathematics: Independently held extra classes and doubt-clearing sessions in these subjects for about 200 higher-secondary school students.
Projects	course notes: easy-to-understand cheatsheets & notes 05/2019 - Present I build easy-to-digest cheatsheets and notes highlighting the important points of classes that I took. All the content is shared for free so that anyone around the world can (hopefully) enjoy it! Keybored: Winter Camp Final Hackathon by Electronics Club 12/2018 Implemented a simple keyboard web-app with Arduino Touch Keyboard integration. Plays 7 notes using either the mouse, the keypad or the custom made Arduino Touch Keyboard. poha: A simple inventory management app 12/2018 Winner: Special mention for innovation in mini-hackathon conducted by Electronics Club in winter 2018. Implemented using Python, Flask, and Bootstrap. Hacking into the TBSE exam results 2018 06/2018 - 08/2018 An attempt to make sense of tampering of marks in public examinations. Results found that the marks were indeed tampered for making the overall statistics look nice. Scraped 23487 student results using Python and BeautifulSoup, and analysed them.
Certification	<ul style="list-style-type: none">6.00.1x: Introduction to Computer Science and Programming Using Python by MITx on edXAlgorithmic Toolbox by University of California San Diego & National Research University Higher School of Economics on CourseraNeural Networks and Deep Learning by deeplearning.ai on Coursera
Honors / Awards	Merit-cum-Means Scholarship IIT Kanpur, 2017-2018 Student of the Year 2017 NPS International School Guwahati, 2017 Best Speaker in 5th R.R. Das Memorial Debate Competition 2017 Dr. B.R. Ambedkar Merit Award 2015
Technical Skills	Languages: Python, C++, C, L ^A T _E X, GNU Octave, Processing Software: PyTorch, Tensorflow, Flask, Linux, Arduino IDE
Activities / Services	Coordinator , Quiz Club Junior Executive , Entrepreneurship Cell Blog: on neural nets, computer vision, & stuff that matter @ reang's blog. link