PINTU KUMAR

RESEARCH SCHOLAR
IEOR, IIT BOMBAY

CONTACT

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PhD lab, IEOR building,
IIT Bombay, Powai,
Mumbai-400076

PROGRAMMING SKILLS

C• C++ • Python • MATLAB • Mathematica

ACTIVITIES AND INTERESTS

Badminton • Web Surfing •Food

MY ACADEMIC JOURNEY

SCHOOLING, CBSE

X – 2012(CGPA - 9.8), XII – 2014(92.8%)
Venkateshwar International School, Sec-10, Dwarka, New Delhi

B.SC.(H) MATHEMATICS, UNIVERSITY OF DELHI 2014-17, 83.73%

Motilal Nehru College, Delhi

- MAY 15 – OCT 16, Part of Innovation Project (MNC 302) funded project titled "Socio-Economic Survey of students migrating to Delhi for undergraduate study in Delhi University"
- MARCH 17, Qualified Joint Admission Test 2017 in subjects Mathematics and Mathematical Statistics

M.SC. MATHEMATICS, IIT JODHPUR

2017-19, CGPA-9.44/10
Indian Institute of Technology Jodhpur, Karwar, Jodhpur

- AUG 17 – DEC 17, Perfect 10 CGPA in first semester
- DEC 17 and MAY 18, Received two Certificate of Academic Distinction from IIT Jodhpur for securing highest marks in first semester and 1st and 2nd Semester in batch of M.Sc. Mathematics.
- 21 MAY 18 – 16 JUNE 18, Attended "Training program in Mathematics" at NISER, Bhubaneshwar and was awarded with "Outstanding" grade.
- JUNE 18, Qualified CSIR-JRF with rank of 96 in Mathematical Science.
- DEC 18 - MARCH 19, Attended workshops like NCDCSE and NWIMI at IITJ, workshop on "Finite Field and Galois Theory" at NASI Praygraj.
- JULY 18 - MAY 19, M.Sc. thesis on topic "Dynamics of S-Unimodal maps" under guidance of Dr. V.V.M.S. Chandramouli..
- Silver Medal at IITJ, for securing highest marks among all students of M.Sc. Mathematics 2017-19 batch

PhD IEOR, IIT BOMBAY

JAN 2020 - PRESENT, CGPA – 9.02/10
Indian Institute of Technology Bombay, Powai, Mumbai

- AUG 20 – DEC 20, Course Projects on following topics: "Topological Data Analysis", "Graph embedding that preserves structural information as well as information cascade", "CGDL- an extension of Variational Autoencoder useful in case of open set recognition".
- AUG 20 – DEC 20, Seminar on topic "Graph Node Embedding" under the guidance of Prof. N Hemachandra
- MAY 2021 – Selected as PMRF.
- JAN 2021 – March 2022 Learned about newer graph learning techniques, worked on "behaviour of embedding technique with respect to embedding dimension
- March 2022 – Present Working on graph learning techniques for sampled graph (specially star sampling). Working on solving noisy label problem with help of Influence functions.