KAUSHAL BANTHIA | 19CS10039

COMPUTER SCIENCE AND ENGINEERING

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LinkedIn
Github

EDUCATION

	Degree/Exam	Institute	
2023	B. Tech	Indian Institute of Technology Kharagpur	9.37 / 10
2019	HSC (Higher Secondary)	Pace Junior Science College, Andheri West	88.15%
2017	ICSE (Secondary)	Thakur Public School	96.5%

COURSEWORK INFORMATION

Theory - Algorithms I (CS21003), Discrete Structures (CS21001), Mathematics I (MA10001), Mathematics II (MA10002), Formal Languages and Automata Theory (CS21004), Software Engineering (CS20006), Probability and Statistics (MA20104)

Systems - Signals and Networks (EE21101), Introduction to Electronics (EC21103), Electrical Technology (EE11001), Switching Circuits and Logic Design (CS21002)

Others - Programming and Data Structures (CS10001), Machine Learning and Data Analytics (Currently Studying)

All my non-academic and online courses can be found on my LinkedIn profile https://www.linkedin.com/in/kaushal-banthia-04875a199/

SKILLS AND EXPERTISE

Programming Languages - C, C++, K   Python, MATLAB*

Others - HTML, CSS*, NumPy, Pandas, Sklearn, TensorFlow, SQL*

* Elementary Proficiency

PROJECTS

Handwriting Classifier - Made a classifier using Neural Networks and Random Forests, that classifies images based on whether they have my handwriting in them or not. (In works and hence some changes may get incorporated in this project)

INTERNSHIPS

Winter Intern at ISB - Worked under Professor Anand Ramaswamy Vijayasankaran on the processing of Def 14 A files for S&P 500 companies pulled out from the SEC website. Made a program, that found out clusters of certain words and then searched in those clusters for the presence of certain keywords that would help in explaining how the CEO compensation (for those companies) is dependent on certain socio-economic factors.

Winter Intern at IIM A - Worked under Professor Anuj Kapoor for preparing in class material for a course on Artificial Intelligence & Digital Platforms, which is taught to second year MBA students at IIM Ahmedabad.

These and my other projects are available as GitHub repositories under my GitHub profile - https://github.com/kaushal-banthia

AWARDS AND ACHIEVEMENTS

MaRRS Spelling Bee - Secured a State Rank of 9 in the state of Maharashtra, in the 2013-14 MaRRS Spelling Bee.

Summa cum Laude - Awarded for securing 4th position in Thakur Public School for the ICSE Examination, 2017.

Joint Entrance Examination Advanced 2019 - Secured an All India Rank of 2,126 among 0.16 million candidates.

Joint Entrance Examination Main 2019 - Secured an All India Rank of 798 among 0.94 million candidates.

EXTRA CURRICULAR

Sub-Head at Business Club, IIT Kharagpur - Organised the Indian Case Challenge (ICC) 2020 and 2021, which is India's largest case study competition, held during the technical fest of IIT Kharagpur - Kshtiij, during my tenure as an Associate Member (2020) and Sub-Head (2021). Brought an increase of nearly 75% YOY in participation.