

Sagar Ghai

Male, 23 years



EDUCATIONAL QUALIFICATIONS			
MBA	Indian Institute of Management Indore		2020
B.Tech, Computer Science	Indian Institute of Technology Mandi	7.83/10	2017
Class XII, CBSE	Oxford Senior Secondary School, New Delhi	94.4% (Rank 4 , Batch size: 170)	2013
Class X, CBSE	Oxford Senior Secondary School, New Delhi	95% (Rank 1 , Batch Size: 224)	2011
ACADEMIC & CO-CURRICULAR ACHIEVEMENTS			
▪ Completed a Minor in Management with 9.0/10 in Decision Making, Financial Management and Entrepreneurship			2017
▪ Awarded Grade A (9/10) or above in 16 courses during undergraduate studies at IIT Mandi			2016
▪ Selected for Indian National Olympiad in Informatics 2012 and 2013, among top performers in ZIO-2012 & ZIO-2013			2013
▪ Recognised among top 0.1% all over India in Computer Science Higher Secondary Examination conducted by CBSE			2013
▪ Attained AIR 2908 (top 2%, 1,50,000, Advanced) & 6402 (top 0.5%, ~14,00,000, Mains) in IIT JEE Common Merit List			2013
▪ Secured Rank 2 among 56 students within the Non-Medical department in the Higher Secondary examinations by CBSE			2013
▪ Recognized as the Best All Round performer for outstanding academic, co-curricular and extracurricular achievements			2012
▪ Secured International Rank 443 at the 6 th International Mathematics Olympiad organised by Science Olympiad Foundation			2012
▪ Received Amul Vidya Shree award for the outstanding academic performance in Senior secondary Examinations by CBSE			2011
▪ National Level Bronze medallist in Maths Talent Test among ~ 51000 participants organised by Manav Sthali School, Delhi			2011
▪ National level Finalist at Inter School Science Exhibition to present a Safe City solution for disaster management			2011
PROFESSIONAL EXPERIENCE			11 months
Nucleus Software, Noida		Software Engineer, Framework Team	Jul '17 – Jun '18
Roles & Responsibilities	▪ Eliminated Data entry by prototyping an AI based system to transform handwritten forms to digital forms ▪ Designed a completely new micro service architecture pattern for faster product development and scalability ▪ Developed features that let 3 rd party developers build on Nucleus platform at runtime without re-setup		
Achievements	▪ Conceptualised a new architecture to facilitate scaling from 300 to 60000 users through distributed workflow ▪ Improved the build time by 80% and deployment time by 60% from previous workflow for development ▪ Established near 0 down time for pushing updates and functionalities using dynamic features		
INTERNSHIPS & TEACHING ASSISTANT			
IOA, Gurgaon		Project Heisenberg	Jun '16 – Jul '16
▪ Created a crowd sentiment analysis engine to automate large scale public surveying using Twitter's <i>Firehose API</i> ▪ Gathered ~ 10 million tweets and established sentiment based hypotheses such as Hillary vs Trump during the American elections			
PROJECTS & RESEARCH PAPERS			
Academic Projects	Streaming Based Distributed Genome sequencing		Jun '17
	▪ Established parallel data pipeline for genome sequencing used in criminology & detection of cancer & AIDS ▪ Improved the performance by 33% , effectively eliminating the time for sequencing and analysis		
	Location Based Landslide Risk Communication System		May '16
	▪ Devised a strategy for location based risk communication for landslide warnings in the Mandi District ▪ Created an application for 3 villages that delivers SMS based warnings to everyone within the affected area		
POSITIONS OF RESPONSIBILITY			
IIM Indore	Junior Member, E-Cell – The Entrepreneurship Cell		Jul'18 – Present
	▪ Organized Guest lectures and workshops with Entrepreneurs, VC's & Corporate Executives for 1140 people ▪ Turned around JAM, a student run fast food venture from losses to 27% profitability		
	Junior Member, Corporate Relations i5 Summit '18		Aug '18
	▪ Instrumental in pitching and developing proposals to get Venture capitalists for the flagship event ▪ Responsible for establishing & maintaining good relationships with corporate houses and keynote speakers		
IIT Mandi	Coordinator, Entrepreneurship Cell IIT Mandi		Aug '16 – Jun '17
	▪ Cofounded the student body and coordinated with a team of 5 to organize events for the IIT Mandi fraternity ▪ Ideated & executed events - IPL auction, Business quiz, PitchIt & Design thinking for 700+ students		
	Coordinator, TEDxIITMandi		Apr '17 – May '17
	▪ Managed a team of 5 and a budget of 3 lacs with speakers coming in from across the country		
EXTRA-CURRICULAR ACTIVITIES			
Sports	▪ Winner of the inter year football championship at IIT Mandi's Aagaaz 2017 playing at the right back position ▪ Played for IIT Mandi football team at the Inter IIT sports meet IIT Bombay and IIT Kanpur		
College Events	▪ Represented IIT Mandi at the Inter-IIT Tech meet, 2013 to design a product for Social Impact at IIT Bombay		
Cultural Events	▪ Runner up at the prestigious St. Peter Mermier Debate competition held at St. Francis de Sales, Delhi		
Social Service	▪ Volunteered with IIT Mandi's Guidance and Counselling service as a student mentor from 2014-2017		
Interests	▪ Enthusiastic about outdoor sports, watching TV series and reading biographies.		