

SAMAR SETH

University of California, Los Angeles (BS, 2020)

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SCORES

ACT SCORE 34/36; SAT 2 MATH II - 800/800; SAT 2 PHY- 800

EXPERIENCE

SUMMER INTERN: Triveni Industries (Noida, India), 05/15 – 06/15
Learnt filtration, advanced softening, clarification etc., interacted with professionals and performed intense ion exchange softening calculations; designed one paper and two spreadsheets on design and regeneration logistics of two water plants; undertook industrial visits, attended workshops, perused technical articles during tenure.

HEAD/CO-FOUNDER, NOIDA E-WASTE DRIVE: Attero Recyclers (New Delhi, India), 08/15 – 09/16 Recycled ~600 kg through Noida E-Waste Drive, 2015/16 in association with Attero Recycling; campaigned to spread awareness on responsible disposal of e-waste in Noida Sector 14 and 30.

EDUCATION

BACHELOR OF SCIENCE: University Of California, Los Angeles (Computer Science Engineering), 2016 – 2020

AISSCE (CBSE BOARD): Delhi Public School, Noida (Noida, India), 2011-2016;

Received 'Merit Certificate' for perfect 10 CGPA in grade 9,10, by Central Board of Secondary Education (CBSE), May 2013; conferred with 'Scholar Blazer' for three years of consecutive academic excellence: 2011, 2012, and 2013. Graduated with 95.8%, top percentile in the country.

PROJECTS

CARBON NANOTUBE FILTER (USING CAD)

Successfully completed Material Science Engineering, Brown Pre-College Online Program - 15 hrs/week, July 2015. Learned about bleeding edge topics in MSE – from imperfections to advanced materials; designed filter having 300kg capacity to supply clean, soft water using CAD.

FAILURES OF MECHANICAL SYSTEMS (JAPAN AIRLINES 123)

As part of my final project for MITx 16.00x, I wrote a paper on the mechanical failures leading to the horrific crash of the Japan Airlines' flight number 123.

SKILLS

COMPUTER SCIENCE: C++ and C; After Effects;

LANGUAGES: English, Hindi, French (Read and write only)

ONLINE COURSES: Completed University of Toronto BE101x- Behavioral Economics in Action and 'Intro. to Mathematical Thinking' with distinction

AWARDS

National Merit Commended Scholar, 2014; AP Scholar, 2015 and 2016; CBSE Merit Certificate, 2013 (National Honor); Merit Certificate, 2016 (Class 12); Certificate of Distinction', 'Introduction to Mathematical Thinking' by Stanford;

Winner, Ryan International School Science Trophy, Noida, 2015; Finalist among 2000 participants, MOD, Quizzing event, Modern School; Won ATOW T.T. Tournament among ~100 competitive players; Recipient of '2014 Scholar Blazer', Noida