

Saurabh Raj

Curriculum Vitae

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OBJECTIVE

Apply my mathematical and statistical knowledge, along with programming skills into real-life problems.

EDUCATION

Master of Statistics (M.Stat.) 2016-Present
Indian statistical Institute, Kolkata

Bachelor of Statistics (B.Stat.) 2013-2016
Indian statistical Institute, Kolkata
≈ 66% Marks

Bachelor of Technology in Mechanical engineering 2012-2013
Indian School of Mines, Dhanbad
dropped out after 2 semesters

Senior Secondary Examination (class 12th) 2012
CBSE
Courses: Physics, Chemistry, Mathematics, English Core and Painting
Marks: 85.40% (aggregate)

Secondary School Examination (class 10th) 2010
CBSE
9.00 CGPA

INTERNSHIPS

Zendrive Technologies 2016
Data science internship
Worked on a data summarisation project that required knowledge and application of signal processing and statistical techniques. Additionally,
-Extensive experience with R.
-Got introduced to SQL, UNIX and Git.

Indian Statistical Institute, Kolkata 2014
Summer internship in cryptology
It included a project on “Elliptic Curves in Cryptography”, which involved designing a cryptosystem based on “ElGamal encryption scheme”, using “Weil Pairings”.

PROJECTS

Summer Project at Indian statistical Institute, Kolkata <i>Analysis of Two Sample Hotelling's Test in High Dimensional Data</i>	2015
Winter Project in coding theory, ISI Kolkata <i>Implementation of AKS primality test</i>	2014

ACADEMIC ACHIEVEMENTS

Talent Search Contest <i>3rd prize</i>	2010
KVPY <i>One of the 557 candidates shortlisted for the interview, among class XI science students from across the country.</i>	2010
KVPY <i>All India Rank: 230</i>	2011
National Standard Examination in Chemistry <i>Statewise top 1% certificate in NSEC-2011.</i>	2011
IIT-JEE <i>Selected and ranked among top 1% in IIT-JEE 2012.</i>	2012
KVPY <i>All India Rank: 21</i>	2013

SKILLS

<i>Languages</i>	Hindi (mother tongue) English (fluent)
<i>Working knowledge</i>	R, MS-Office
<i>Introductory knowledge</i>	C, SQL, Python, Git, SAGE, HTML, CSS, \LaTeX

EXTRA-CURRICULAR ACTIVITIES / INTERESTS

<i>Interests</i>	Gaming, cricket
<i>Committees/ organisations</i>	Member of Integration Creative Committee Member of Fast Forward India (2012-2013)