SHIVAM BANSAL

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Education

Delhi Public School, Rohini

CENTRAL BOARD OF SECONDARY EDUCATION (SCIENCE), MAY 2017

84% –, CBSE All India Senior School Examination (Grade XII)

Achievements: Special Achievement in Computer Science

Clubs & Societies: President IT (School Cabinet), President XINO (Computer Club)

Stanford University Pre-Collegiate Summer Institutes

CRYPTOGRAPHY AND MATHEMATICS, JUNE 2015

Final Paper: Analysis of public key cryptography for messaging.

Work Experience

Share India Securities Ltd.

FIELD EXPERIENCE, MAY-AUG 2017

- Worked in the IT department on Equity Trading Softwares.
- Worked in arbitrage department on Trading Algorithms.

Ozone Overseas

SUMMER INTERN, JULY 2015 AND JUNE 2016

- Worked on SEO and improved company's official website.
- Established stock management and database system.

Research

Automatic Intelligent Translation of Videos

AURHOR, OCTOBER 2017

Link: http://vixra.org/abs/1710.0201

The research focuses on algorithms to translate and dub a video into another language. It introduces an algorithm which synthesizes intelligent, synchronized, and easily understandable audio.

Community Service

V-SHESH

VOLUNTEER, 2014-2017

- Managed a database of disabled individuals across the country.
- Helped in organising a job fair for disabled individuals.

Danpatra.org

CO-FOUNDER

- Set up the NGO and managed funds.
- Developed website and browser extensions

Experiences And Awards

2017 :

- **Awarded for Highest Marks in Computer Science**
  // Scored 98% in Computer Science in CBSE All India Senior School Examination (Grade XII). Honoured by school for the highest marks.
- **Winner, BharatHacks 2017**
  // Built Bhasha Technologies – online platform in Python to translate and dub the audio track of any YouTube video into Indian regional languages. The startup was accepted into IBM Global Entrepreneurship Program.
- **Member, Indian Team at IOI 2017**
  // Official Reserve Member of the Indian Team at the International Olympiad in Informatics 2017, Iran.
- **Rank 1, Indian National Olympiad in Informatics, 2017**
  // Scored 200 / 200 in INOI 2017 and hence selected for IOITC (IOI Training Camp) which selects the Indian Team for IOI.
- **Finalist, Codechef Snackdown 2017**
  // India's most prestigious international competitive programming competition. Top 27 teams qualified globally for onsite finals. Only Indian school team to qualify.
- **Qualified for Indian Programming Community Camp 2017**
  // Amongst 30 students who got selected for the camp all over the country. The camp trained students for IOI and ACM-ICPC
- **Winner, Random Hacks of Kindness 2017**
  // Built an online MOOCs platform which fetches videos from other MOOCs and automatically translates them into other languages

2016 :

- **Second Runners-Up, Computer Society of India's Young Talent Search in Computer Programming**
  // Secured National Rank 3 in the contest. The competitions selected teams for participation in SEARCC' 16
- **Student Organizer, XINO 2016**
  // XINO 2016 : A computer symposium organised by DPS Rohini with over 500 participants across three states.
- **Rank 1, Indian National Olympiad in Informatics, 2016**
  // Scored 200 / 200 in INOI 2016 and hence selected for IOITC (IOI Training Camp) which selects the Indian IOI Team.
- **Division 1 Programmer, Codeforces**
  // Codeforces is an online Russian Competitive programming contest platform. Rated 1900+
- **International Rank 5, Codechef Lunchtime**
  // Secured International Rank 5 and National Rank 1 in Codechef Lunchtime in December 2016

2015 :

- **Certified Ethical Hacker by Lucideus**
  // Trained as a security analyst under the guidance of Saket Modi. Worked on finding exploits and securing websites with the company.