

# SAYAN CHAUDHRY

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## // EDUCATION

### **Carnegie Mellon University, Class of 2021**

*BS, Computer Science*

*Pittsburgh, PA*  
Aug 2017 – present

*Fall 2017: Fundamentals of Programming, Mathematical Foundations of Computer Science, Matrices and Linear Transformations, Interpretation and Argument*

### **Delhi Public School, Rohini**

*Central Board of Secondary Education*

*Delhi, India*  
Apr 2013 – May 2017

96.4% – Valedictorian, CBSE All India Senior School Examination (Grade XII)

10 CGPA – CBSE All India Secondary School Examination (Grade X)

*Other Achievements: Proficiency Holder, Special Achievement in Computer Science*

*Clubs and Societies: Head Boy, Student Government; President, Computer Club; Founder & President, Quizzing Club*

### **Stanford University Pre-Collegiate Summer Institutes**

*20th Century Science, Technology and Culture*

*Stanford, CA*  
Jun 2015 – Jul 2015

*Fall 2017: Fundamentals of Programming, Mathematical Foundations of Computer Science, Matrices and Linear Transformations, Interpretation and Argument*

## // WORK EXPERIENCE

### **Edutech Foundation**

*Head of Operations*

*New Delhi, India*  
Jul 2015 – Jul 2017

- Initiated SheForSTEM campaign to inspire girls to pursue sciences in high school
- Created English speaking courses to help underprivileged children become job ready

### **Cluster Innovation Center, University of Delhi**

*Summer Intern*

*New Delhi, India*  
June 2016

- Built track robots using innovative control systems and computer vision for object recognition and scene analysis

## // AWARDS AND HONORS

2017: ▪ *Winners and IBM Global Entrepreneur Finalist, BharatHacks 2017 for Bhasha Technologies – online platform to translate and dub the audio track of any YouTube video into Indian regional languages*

*New Delhi, India*

- *Runners-Up, O(1) Hack for Ocean Technologies – web extension to enable voice control functionality on any webpage to make it blind friendly*

*New Delhi, India*

2016: ▪ *Second Runners-Up, Computer Society of India's Young Talent in Computer Programming*

*Chennai, India*

- *National Finalist, NewsWiz – India's First News Quiz on Television*

*New Delhi, India*

- *Honorable Mention, NASA Ames Space Settlement Contest for Komorebi – A Human Endeavour in Space*

*Mountain View, CA*

- *Runners-Up, Asian Regional Space Settlement Design Competition for Cassandras – A Space Transportation System*

*New Delhi, India*

2015: ▪ *International Rank 1, National Cyber Olympiad 2015*

*New Delhi, India*

2014: ▪ *National Finalist and Regional Winner, TCS IT Wiz 2014 – Largest IT Quiz in India*

*Mumbai, India*

- *Third Runners-Up, Aqua Regia: The Science Quiz – Largest Quiz Ever as per Guinness World Records*

*Hyderabad, India*

## // RESEARCH

### **Realizing a Microprocessor as a Particle Sensor**

*Participant, Beamline for Schools*

*European Organization for Nuclear Research (CERN)*

Mar 2017

### **Data Management Device to Enhance Cellular Connectivity in Rural Areas (Patent Pending)**

*Awardee, Dr APJ Abdul Kalam IGNITE Award*

*President of India and National Innovation Foundation*

Nov 2016

### **Computation Model for Detection and Profiling of Antimicrobial Resistance in *N. gonorrhoeae***

*National Finalist*

*Intel IRIS National Science Fair*

Dec 2015

### **Investigation into the Market Trends of Artificial Sugar Substitutes viz. Refined Sugar**

*Runners-Up, Think! Research Paper Writing Competition*

*Microsoft Research*

Nov 2015