MEHUL AGARWAL

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EDUCATION

Sanskriti School, New Delhi, India
- Appearing for Central Board of Secondary Education (CBSE) Examination Grade 12   2019
- Completed CBSE Grade 11 – 95.2 %   2018
- Completed CBSE Grade 10 - CGPA 10/10   2017

Delhi Public School, Hyderabad, India
- Completed CBSE Grade 9 - CGPA 10/10   2016

Diploma in Circuit Analysis & Design, Hyderabad, India
- Completed course on embedded systems design; gained proficiency in keil, proload, 8051 embedded C, hardware interfacing   2016

Certified Ethical Hacker
- Certified by International Council of E-Commerce Consultants (EC-Council) with 95 percentile   2013-present

STATUTORY TESTS AND ADVANCE PLACEMENTS
- ACT: 35/36 (Science - 36, Math - 36, English - 35, Reading - 33, Writing - 8)   2017
- SAT: 1530/1600 (Math - 770, Reading & Writing - 760)   2017
- SAT Subject Tests: Math Level II - 800/800, Chemistry - 800/800, Physics - 790/800   2018
- Advance Placement Exams: Computer Science A - 5/5, Calculus BC - 5/5 (Subscore AB - 5/5)   2018

ACADEMIC AWARDS AND HONORS
Sarvoch Puraskar Award for academic excellence in Science, Math, English, French, Social Science (Grades 10 & 11)   2016-18
Scholar Badge, Jacket, Blazer for Excellence in Academics Awards for 5 years & Outstanding Performance - All Subjects   2012-16
Excellence in Academics Awards won for consistent excellence in school (Grades 6 to 9)   2012-16
State Rank 6, School Rank 2, Silver Medal in International French Language Olympiad (Grade 9)   2015
First Position in Numerical & Logical Reasoning in school inter-house competition (Grade 9)   2015
Second Position in Verbal & Numerical Logical Reasoning in school contest (Grade 9)   2015

SAILING
- Certified Level III Sailor by Yachting Association of India (YAI)
- Participated in 2 international (India International Regattas) & 2 national regattas in Optimist class fleet (Monsoon Regatta)
- Participated in National Championship in Laser 4.7 (National Laser Sailing Championship)

ENTREPRENEURSHIP INITIATIVE
Speccasa Global Eyewear Private Limited, New Delhi, India - https://speccasa.com   2018
- Co-Founded B2B e-Commerce portal for eyeglasses
- Working part-time as promoter and shareholder to make eyeglasses affordable and accessible to opticians esp. in rural areas
- Core Developer, leading a team of 7 developers; Head of Market Research & Analysis; Worked on Search Engine Optimization
- Developed scale-able business model within tier 2 and 3 cities of developing countries

EMPLOYMENT
Unique Identification Authority of India (UIDAI)   Summer 2017
Research Intern
- Learnt technology behind Aadhaar – citizen identity number with biometrics by Indian Government
- Authored independent research paper on incorporating Blockchain in Aadhaar authentication services

International Innovation Center, University of Chicago with NITI Aayog   Summer 2018
Summer Intern
- Worked with NITI Aayog, policy think-tank of Indian Government, & University of Chicago International Innovation Center
- Researched use of artificial intelligence (AI) in natural language processing for Indian vernacular languages

COMMUNITY ENGAGEMENT
India Research Center - Harvard T. Chan School of Public Health, Mumbai, India   2018
- Researched communication strategy for 'Jan Andolan' (People's Movement) to implement National Nutrition Mission in Maharashtra State
- Analyzed use of ICT for community involvement and community empowerment through communication

World Health Organization, WHO Headquarters, Geneva, Switzerland   2017
- Worked full-time on planning, capacity building and software development for name-based, real-time disease surveillance platform
- Studied digital health platforms and worked towards creation of a platform to monitor 33 epidemic-prone diseases for Indian Government
- Worked on development of prediction algorithms for early warning and identification of epidemics

Atal Tinkering Labs, NITI AAYOG, New Delhi, India   2018
- Taught young students in government schools how to work with tools and equipment to understand the concepts of STEM
- Helped in procurement of educational and learning 'do it yourself' kits and equipment on robotics, open source microcontroller boards, sensors, 3D printers and computers

EyeQ Foundation, New Delhi, India   2016-2018
- Organized eye camps in slum areas around Delhi
- Followed up with cataract patients for post-operative care on monthly basis

International Youth Fellowship (IYF), Hyderabad, India   2015-16
- Worked part-time as volunteer in IYF Hyderabad to organize skill development & career-orientation camps for youths
- Participated in international cultural, education, and exchange activities

LEADERSHIP
Vice President & Treasurer, IT Club, Sanskriti School, New Delhi, India   2017-2019
- Lead teams in 6 inter-school IT events, including TCS IT Wiz 2016
- Organized second ever inter-school IT Symposium 'ProjectBeta 2.0' held at school in August 2018
- Responsible for organizing and participating in quiz, web development, graphic designing competitions
- Designed all event promotional materials, including t-shirts, posters, logos, and desktop backgrounds
- Won competitions including CryptX (online crypt hunt) and Quiz at MINET X 2018

Team Leader, TiE - The Young Entrepreneurs, New Delhi, India   2016-17
- Participated in Entrepreneurship Development Program by TiE initiative to empower next generation entrepreneurs
- Developed and pitched idea for goalkeeping and scheduling mobile platform 'GoalKick' to leading Indian entrepreneurs

Director – Technical Operations, Sanskriti Model United Nations, Sanskriti School, New Delhi, India   2017-18
- Responsible for organizing all Intra-school & Inter-school Sanskriti MUN conferences

Lead Graphic Designer, Sanskriti School, New Delhi, India   2016-18
- Make graphics and promotional materials for most school clubs, organizations, startups

GUITAR
- Received Grade 3 Certificate for Acoustic Guitar from University of West London   2013- 18
- Preparing Grade 6 in Rock and Pop by Trinity College of Music
- Student of Delhi School of Music since 2016; proficient in acoustic, classical, electric guitar

MODEL UNITED NATIONS
- Participated in 5 Model United Nations Conferences   2016-18
- Won Honorable Mention, Special Mention awards at Intra-school & Inter-school Sanskriti MUN conferences
- Appointed Director - Technical Operations for SMUN 2017 & 2018

ONLINE COURSES
Machine Learning
  Studying *Neural Networks* by David Kriesel; auditing *Computer Vision* course by Professor Ranjay Krishna, Stanford University
Languages
  Learning Python through CMU 15112 course by Carnegie Mellon University
Game Theory
  Enrolled in online course on 'Game Theory' by Professors Matthew O. Jackson and Yoav Shoham, Stanford University
Linear Algebra
  Learning Linear Algebra by Prof. Gilbert Strang from MIT Open Course Ware

SKILLS
  Python, C++, Java, php, Web Designing, Graphic Designing (Adobe Illustrator, Adobe Photoshop), Solidity (Blockchain language)