Sidhant Nagpal, 21

Bachelor of Engineering (B.E.) - COE (Computer Engineering) | 2015-19   **Email:** sidhantnagpal97@gmail.com
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EDUCATION

Degree	Institute	Board/University	Percentage/CGPA	Year
B.E. (COE)	Netaji Subhas Institute of Technology (NSIT), Delhi	Delhi University	83.36% (till 5th semester)	2019
AISSCE (Class XII)	Bal Bharti Public School (BBPS) Pitampura, Delhi	CBSE	96%	2015
SSC (Class X)	Bal Bharti Public School (BBPS) Pitampura, Delhi	CBSE	10 (CGPA)	2013

TECHNICAL SKILLS

Languages	C, C++, Python, Java, C#, Bash, LaTeX, MIPS (Assembly), SIMD (Intrinsics), HTML, CSS, JSON, XML
Technologies	Tools - Git, Matlab, GNU Octave, MySQL, Oracle; Platforms - GNU/Linux, macOS, Windows, Android
Algorithms & Data Structures	Solved 1000+ programming problems on OJs (Online Judges - Codeforces, SPOJ, CodeChef, TopCoder) Participating in programming contests on Codeforces, CodeChef since 1st year of Bachelor's

TECHNICAL EXPERIENCE

Google Summer of Code (GSoC)	**Core Developer (12 Weeks):** Worked on implementing "**Transforms, Convolution & Linear Recurrence Evaluation**" for **SymPy**, a **Computer Algebra System (CAS)** written purely in Python	2018
Intuit India	**Software Engineering Intern (9 Weeks):** Worked on **Encryption** track for **AWS** migration of **IntuitMarket.com** (QuickBooks **Ecommerce** Portal) and received **Pre-Placement Offer** (**PPO**)	2018
IIT Kanpur	**Research Assistant (5 Weeks):** Presented the Research Paper arXiv:1502.02481v3 on "**Dynamic Depth First Search Algorithm**" in **Graph Theory** under the guidance of Prof. Raghunath Tewari (CSE Department)	2017
Sopra Steria	**Software Engineering Extern (4 Weeks):** Developed the game 'Breakout' for Android platform	2017

PoR & VOLUNTEER EXPERIENCE

Hackathon	Secured **2nd position** in **Intern Hackathon** "Hack Attack" for presenting **IoT**-based NFC solution and **AI**-based Google Assistant solution for **Intuit Mint** - a Personal Finance Management application	2018
Open Source	**Algorithmic Progress Visualizer: Web Scraper** & **Visualizer** for tracking Algorithmic Progress on OJs **Elo Compare:** Developed a Python Web Application in Flask implementing **Elo Rating Algorithm**	2018 2017
Social Work	Volunteer for **WCGB** (We Care & Give Back) programme conducted by **GiftAbled** at **Intuit IDC** for making Tactile Stories (in Braille) and Toys for visually impaired children	2018

ACHIEVEMENTS & AWARDS

Competitive Programming Contests	● Achieved **rank 464** in **Google Code Jam Round 3** out of **24k+** participants ● Achieved **rank 1668** in **Google Code Jam Round 2** out of **25k+** participants ● Achieved **rank 60** in **Google Kickstart** Round B of 'APAC' out of **800+** participants ● Achieved **rank 105** in **Google Kickstart** Round G of 'APAC' out of **1k+** participants ● Finished **41st** out of **250+** & **100+** teams in **ACM ICPC** Asia Amritapuri & Gwalior Onsite Regional Contest ● Finished **131st** out of **3500+** teams in **ACM ICPC** India Online Qualification Round	2018 2017 2017 2017 2017 2017 2017
International Olympiads	● Secured **757** and **416 rank** in International Informatics Olympiad (**IIO**) Stage I and Stage II ● Secured **724 rank** in finals of International Mathematics Olympiad (**IMO**) ● Awarded **Silver Medal** and finished **13th** in International Master Mathematics Olympiad (**IMMO**) ● Awarded **Silver Medal** and secured **rank 825** in International Olympiad of Mathematics (**IOM**)	2013 2013 2010 2010
National Olympiads	● Awarded Kishore Vaigyanik Protsahan Yojana (**KVPY**) **Scholarship** by IISC, Govt of India ● Secured **99.81** percentile in Joint Entrance Examination (**JEE**) - **Main** ● Ranked among the **top 1%** state-wise qualifiers in National Standard Examination in Chemistry (**NSEC**) and qualified for Indian National Chemistry Olympiad (**InChO**) ● Qualified National Talent Search Examination (**NTSE**) **Stage I** being in **1.33%** out of **3l+** contestants	2015 2015 2015 2014
NSIT	● Awarded **Scholarship for Meritorious Performance** for 1st & 2nd years ● Awarded **Ramanujan Award** for outstanding performance in Mathematics for 1st & 2nd semesters ● Secured **1st position** in 2nd and 3rd semesters out of 70 students	2016, 17 2016 2016
Bal Bharti Public School	● Awarded **Scholar Platinum Medal** for academic excellence for **8 consecutive years** ● Recipient of **Full-Fee Waiver Scholarship** for **2 consecutive years**, class 11th & 12th	2008-15 2014-15

EXTRA-CURRICULAR ACHIEVEMENTS

Zonal	● Finished **3rd** in **Inter Zonal Hockey** Tournament & in **Zone 11 Hockey** Competition ● Secured **3rd position** in CBSE **North Zone I Hockey** Championship	2010, 13 2012, 13
Bal Bharti Public School	● Awarded **Best Player** and **finished 2nd** in XIth Inter Bal Bharati Hockey Tournament (**Team Captain**) ● Secured **2nd position** in Modernites Hockey Tournament for **2 consecutive years** ● Secured **2nd** and **3rd position** in SS Mota Singh Hockey Tournament in **2 years** - 2010, 11 ● Secured **1st position** in BBPS Inter House Hockey Tournament for **4 years** - 2009, 10, 13, 14 ● Secured **2nd position** in BBPS Inter House Swimming Tournament in **3 swimming styles** ● Awarded **Gold Medal** for 'Good Reading' in English language	2013 2009, 10 2010, 11 2009-14 2009 2006, 11