

Swapnil Das

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Freshmen, Computer Science and Engineering

Academic Details

Year	Course	Institute	CGPA / %
2015 – 2019	B.Tech in Computer Science and Engineering	Indian Institute of Technology (IIT) Delhi	8.588 / 10
2013 – 2015	CBSE AISSCE	Hope Hall Foundation School	95.8 %
2008 – 2013	CBSE AISSE	Jawahar Navodaya Vidyalaya	10 / 10

Relevant Courses

- Completed** Introduction To Computer Science, Introduction To Electrical Engineering, Calculus, Linear Algebra and Differential Equations, Electromagnetic Waves and Quantum Mechanics, Introduction To Chemistry, Chemistry Laboratory, Physics Laboratory, Engineering Mechanics
- From July 25th** Data Structures and Algorithms, Discrete Mathematical Structures, Digital Logic and System Design, Probability and Stochastic Processes, Principles of Electronic Materials
- Online** CS-50 from Harvard

Projects

Group Projects

Jan 2016

Making an Windows Game .

Developed a Windows Application for game play. It consists of balls of different colors dropping off the top of the screen and the aim is to put the balls in the same colored baskets with minimum swaps of the baskets.

Developed during Microsoft's Code.Fun.Do hackathon.

Software Used – Visual Studio

Language Used – C#

Individual Project

Summer 2016

- 1) Developed a GUI using Tkinter module to see the working of Depth First Search.
Language Used – Python
- 2) Developed GUI of KD – Tree using Tkinter.
Language Used - Python

Technical Skills

Languages Python, C, C++,
Softwares Autodesk Inventor, Adobe
Photoshop, MS office

Scholastic Achievements

- 2015 Secured **All India Rank 28(category) and 2666(open)** in JEE-Advance, 2015 among more than half a Million candidates.
- 2015 Secured **All India Rank 17(category) and 1728(open)** in JEE-Main 2015(**Joint Engineering Entrance Exam**).
- 2015 Awarded Scholarship of Merit by CBSE for being in **top 25** among 1 Million students appearing in AISSE
- 2014 Attended Science Camp as a **KVPY** fellow at Kolkata organized by **IISc** and **IISER**.
- 2013 Awarded Scholarship of Merit by CBSE for being in **top 27** among 1.3 Million students appearing in AISSE
- 2013 Selected in **Regional Mathematics Olympiad(RMO)** from North-East region and appeared in **Indian National Mathematics Olympiad(INMO)** organised by **Homi Bhabha Center for Science Education(HBCSE)**.
- 2013 Fellowship under the prestigious **Kishore Vaigyanik Protsahan Yojana (KVPY) (Young Scientist Programme)** 2013 conducted by **IISc Bangalore and Govt. of India**.

Extra-curricular Achievements

- 2016 Qualified Google Code Jam qualifying round.
- 2016 Participated in various online Competitive Coding competitions with handles –
Codechef – Swapnil Das(dasswapnil96)
Codeforces – dasswapnil96
Topcoder - .swapnil
- 2016 Awarded Runners up in Microsoft's Code.Fun.Do hackathon.
- 2016 Currently participating in Microsoft's Finalist Forum(2nd round after Code.Fun.Do)
- 2012 Selected as a regional player in Badminton from JNV under Shillong Region.
- 2002 – 2009 Completed a 7 year course in Fine – Arts.