

L-Block, Men's Hostel,
VIT University, Vellore

SATYAM JINDAL



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EXPERIENCE

Contestant	Google Science Fair	May 2015
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- Participated in the annual Science Fair organized by Google.
- Built a blind stick integrated with sensors to provide an aid to the visually impaired to have a better sense of objects around using a microcontroller (Arduino Uno).

Contestant	Google Science Fair	May 2014
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- Built an app using the MIT App Inventor that would help in increasing the number of eye donations by sending the location of the donor to the doctors through GPS considering the fact that human eyes do not die immediately after death.

Apprentice Guardian	Fanup, Inc.	April 2012 – Jul 2014
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- FanUp is a community for fans of online games, including Facebook games, iPhone and Android games, MMOs and Virtual Worlds.
- Worked at Fanup as an apprentice guardian in which I gained exposure towards publishing game reviews and on a later stage handled the website with other guardians.
- My responsibility was to handle queries of other community members and innovate upon contest ideas.

Sport Programmer	Algorithmic Contest Platforms	December 2016 - Present
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- Ranked at top 5.11 percentile globally on Codechef. (4 stars, Rating: 1810).
- Profile links and submissions - github.com/SatyamJindal/Competitive-Programming.

EDUCATION

Tamil Nadu, IN	Vellore Institute of Technology	June 2016 – June 2020
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- B. Tech in Computer Science & Engineering , CGPA: 9.51 out of 10.0
- Coursework: Computer Architecture; Algorithms; Databases; Discrete Math & Graph Theory; Neural Networks; Fuzzy Control; Operating Systems; OOPS; Statistics; Application of Derivatives;
- R.N Podar School - AISCCE: 463 on 500 (June 2016);
- Gopi Birla Memorial School - SSLC: 9.4 on 10 (June 2014);

PROJECTS

- **Music Playlist (March 2017):** Analyzed and compared efficiencies of standard sorting algorithms and plotted results to estimate the best sorting algorithm for the given input.(C++)
- **App For financially illiterate (March 2017):** Built an app designed and intended for the financially illiterate using MIT App inventor for an App-a-thon.
- **Gesture Controlled Bot (July 2016):** Built a gesture controlled bot (wheelchair) which worked on the coordinates sent via the hand gestures. (Arduino)

ADDITIONAL EXPERIENCE AND AWARDS

- **Make-a-thon, The Blueprints Club, 1st Place:** Won the TBC Make-a-thon by pitching a business model and MVP to remould waste plastic obtained from campus trash bins and sell as LEGO alternatives.
- **TCS IT WIZ 2013 (MUMBAI):** Made it to the top 6 teams who reached the event finals held in Mumbai.
- **State level table tennis player:** Represented my school and district at various competitions.

LANGUAGES AND TECHNOLOGIES

Intermediate: C/C++; Python; MySQL ;

Basic: BeautifulSoup; Embedded C;

HOBBIES AND INTERESTS

Sport Programming; Table Tennis; Badminton; Football; Singing; Puzzle Solving;