

# Ishpreet Singh Bhasin

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## Education

*The University of Texas at Dallas*

*Fall 2018 - Spring 2022*

- B.S. in Computer Science at the Erik Jonsson School of Engineering and Computer Science.
- Recipient of the Academic Excellence Scholarship (Distinction).
- Planned Freshman Year Coursework: Computer Science II, Discrete Math, Linear Algebra, Data Structures & Algorithms, Probability & Statistics

*BBPS Pitampura, Delhi, India*

*Graduated: May 2018*

## Experience

*Computer Club*

*2016 - 2018*

- Founded and served as president of Byte Club, the high school's computer club
- Led the club at numerous inter-school IT Symposiums throughout Delhi, India
- Held competitions and workshops to recruit juniors to participate in and join the club

*Robotics*

*2014 - present*

- Served as team leader and programmed for Team Forever EV3
  - Won first place at RoboCup 2017 India
  - Won fourth place in the Super Team Challenge at RoboCup International 2017
- Served as team leader and programmed for Team Trial and Error
  - Won "Best Robot Performance" at the Regional Championship of FIRST LEGO League 2014
- Qualified for National Level of World Robot Olympiad 2015

*Film/Video*

*2014 - present*

- Edited a film called "Psycho Social"
  - "Bronze Beaver Award" and "Special Award for Technical Excellence: Sound Recording and Design" at National Science Film Festival 2018
- Created an animated film called "Are We All Animated?"
  - Won second prize at A2OZ India Schools Video Competition 2015

## Skills

*Programming*

- Languages: C++, Java, PHP, SQL, JavaScript, HTML, CSS
- Twice qualified for Indian National Olympiad in Informatics (2017 and 2018)
- Qualified for Google Code Jam, ACM ICPC for Schools India, Codechef Snackdown, Hackerearth IndiaHacks, and other competitive programming contests.

*Web Development*

- Full-stack developer
- Frameworks and libraries: CodeIgniter, jQuery, Node.js, AngularJS
- Other skills: graphic design, server management, understanding of Unix and Linux
- Proficient in Adobe Creative Cloud software
- Designed, developed, and maintained personal website; Byte Club website; robotics teams websites.
- Select projects (others visible on personal website):
  - AgroFair: app that assists farmers by automating decisions around ideal crops to plant
  - SkillX: app that facilitates skill-learning opportunities from experienced professionals, using a barter system rather than money