Manav Kedia

Third Year Undergraduate Student

Computer Science and Engineering

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Education

Program	Institution	Performance	Year of Completion
BTech program in Computer Science and Engineering	Indian Institute Of Technology Kharagpur	CGPA: 9.29/10 Department Rank (Dual Degree+BTech) : 10, Course Rank(BTech) : 8	2016
High School	Hariyana Vidya Mandir	92.6%	2012
Secondary School	The Frank Anthony Public School	96.8%	2010

Scholastic Achievements

- Cleared IITJEE 2012, secured a rank of **2004**, with a **99.6** percentile in the country.
- Cleared AIEEE 2012, secured a rank of **531**, with a **99.9** percentile in the country.
- Stood in the **top 1%** of the institute at the end of first year.

Skills

- Programming Languages: C, C++, Java, HTML, CSS, basic SQL, Eiffel, AngularJS
- Comfortable with Windows and Linux operating systems
- Android App Development, Scrum

Internship/ Projects

- Intern at the Chair Of Software Engineering, ETH Zurich
  Implemented a standalone web server in Eiffel using Eiffel Web Framework. The web server provided the functionalities of the Eiffel Compiler to web-users and web applications through RESTful HTTP API methods. I designed the frontend as well in AngularJS, HTML and CSS.

- Datawind Hackathon
  My team won the Datawind Hackathon. We made an online multiplayer android card game 'twenty nine' using Shephertz API.

- IEEE Certified Image Processing Workshop
  Successfully completed an IEEE Certified Image Processing Workshop organized at IIT Kharagpur, and programmed a path detecting robot that could move in a zigzag path by detecting walls and avoid collision with it, using openCV library in C++.

- Football Betting Application, Self Project
  I made an online betting application for the FIFA World Cup 2014 in Eiffel, where people could login, bet and checkout the leaderboard.

- Graphics Editing Software
  I made a graphics editing software using Java's Graphics Library. The software allowed users to create basic shapes and modify their properties.

Relevant Courses

- Programming and Data Structures^L
- Algorithms^L
- Software Engineering^L
- Formal Languages and Automata Theory
- Discrete Structures

- Probability And Statistics
- Multivariable Calculus
- Linear Algebra*
- Algorithms II*
- Compilers^L*

L : The course had a lab component   * : Ongoing courses

Extra Curricular Activities

- Stood **17th** at the **NLIU Bhopal National Debating** Tournament out of 64 teams
- Participated in several **National Level Debating** tournaments
- Won **2nd prize** at **Open IIT** Event 'Whats the good word' (Vocabulary Event)
- Participant of several Table tennis club competitions

Community Service

- Served the **National Service Scheme** for 2 years, IIT Kharagpur