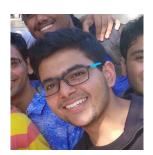**Akash Trehan**

Computer Science and Engineering II year B.Tech

Room No. 271, Hostel 7, IIT Bombay
Mumbai, India - 400076

✉akash.trehan123@gmail.com

ACADEMIC ACHIEVEMENTS

- Ranked **2ⁿᵈ** in the department among 126 students on CPI basis.(*April 2016*)

- Scored **AP grade** in Biology and Engineering Drawing for Advanced Performance(*April 2016*)

- Secured **99.99 percentile** in JEE Main amongst **1.5 million** students across India(*July 2015*)

- Secured **All India Rank 24**, State Rank 1 in **IIT JEE Advanced** out of 150,000 students in India(*June 2015*)

- School Topper in class 12 scoring 95% in CBSE(*June 2015*)

- School Topper in class 10 scoring 97% in ICSE(*May 2013*)

- Won the **National Talent Search Examination '12**(NTSE) scholarship and **Kishore Vaigyanik Protsahan Yojana '14** (KYPY) Fellowship Award.()

PROJECTS

EVENTual   Jan 2016--Present
Institute Technical Summer Project   IIT BOMBAY

- Created a platform for **creating and sharing events** easily, automating the task of filling details in the calendar by creating sharable links and QR Codes.

- Implemented a **Django backend** to maintain a database, handle queries and serve the EVENTual website.

- Developed an **Android application** with functionality including communicating with the server and QR code scanning.

- Made a website platform using *HTML, CSS, JS and jQuery*.

Sept 2015–Present   MooDLD
Institute Academic Council   IIT Bombay

- Made a **one-click Moodle downloader** in Python using Tkinter GUI for auto-downloading course files on Moodle. Saves the user for downloading all files one by one or even caring about new files being uploaded.

- **Designed and tested** the corresponding Android application developed.

April 2016–Present   Institute Hacker News
Student Technical Activity Body(STAB)   IIT Bombay

- Made a website interface to help students **share interesting technical information** they find on the internet and have discussions about them.

- **Implemented the backend** using Django for rendering the website, managing database, authenticating users using Single Sign On(SSO) login, managing upvotes and comments on various shared links.

Sept 2015–Oct 2015   Checkers
Guide: Prof. Varsha Apte   IIT Bombay

- One player checkers with **Artificial Intelligence**(Computer) as opponent and using Prof. Abhiram Ranade's 'simplecpp' library for graphics.

- Inspired from the **Minimax algorithm for Game AI**

MooDLD   Autumn 2016
Prof. Sharat   IIT Bombay

- I did lots of work

- I did lots and lots of work

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"Hack The Planet!" - Akash Trehan

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