

## Utkarsh Patange

### Present Address

Room 101, Hall 3  
IIT Kanpur, Kanpur  
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+919651743002

### Permanent Address

Sahyadri Hospital, wadia factory area  
Shivaji Nagar, Nanded  
Maharashtra 431 602  
+91 (2462) 230597

**Objective** Summer position that will use my computer skills.

**Education** Indian Institute of Technology Kanpur  
BTech. in CSE, expected July 2015  
G.P.A. 9.4/10.0

Major Subjects	Grade
Data Structures and Algorithms	A
Intro. to Computer Organisation	A
Computing Laboratory I-II	A
Mathematics in Comp. Science	A
Abstract Algebra	A
Logic in Comp. Science	A

**Experience** **Project**, Surge project under Prof. Ajai Jain Summer 2013

- Developed an algorithm to find the Shortest time path in a Railway Network.
- Implemented the algorithm in C++ platform

**Assignment**, As part of Intro. to Computer Organization course 2012-13 IIInd sem

- Made a General Purpose Computer to run small programs on an FPGA kit
- Implemented as a Finite State Machine in Verilog

**Assignment**, As part of Computing Laboratory course 2012-13 Ist sem

- Created an Online Room Allocation Facility
- Log-in based system
- Appropriate priority assigned according to nature of applicant (Professor, Gymkhana member or Club Co-ordinator)

**Hack Development**, As part of Yahoo HackU! IIT Kanpur 2012-13 Ist sem

- Developed a program to find the best subtitle file for a particular Movie or TV-series.
- Parsed the website Subscene.com and compared user ratings and comments to decide the best subtitle.

**Project**, ACA project under ACA co-ordinator Pankaj Jindal 2011-12 IIInd sem

- Created an encrypted chat client.
- RSA encoding was used in C language.

**Project**, for A\* grade in ESC 101 course under Prof. Piyush P. Kurur 2011-12 Ist sem

- Developed an application for two players to play chess in Python
- Implementation in Pygame

<b>Positions of Responsibility</b>	<b>Co-ordinator</b> , India Haat, Antaragni '13 <ul style="list-style-type: none"> <li>Responsible for conduct of major event India Haat in Antaragni '13.</li> <li>India Haat is a cultural event promoting Indian culture.</li> </ul>	2013
	<b>Secretary</b> , Dramatics, Antaragni '12	2012
	<b>Co-ordinator</b> , Chess, Udghosh '12 <ul style="list-style-type: none"> <li>Responsible for conduct of Chess event in Udghosh '12.</li> </ul>	2012
	<b>Secretary</b> , Informal Events, Udghosh '11	2011
<b>Extra-curricular Activities</b>	<b>Video Making</b> , as part of assignment of course Introduction to Video Making 2011 <ul style="list-style-type: none"> <li>Video editing</li> <li>Cinematography</li> </ul>	
	<b>Chess Tournament</b> , inter-school state level Maharashtra State <ul style="list-style-type: none"> <li>Participated after clearing District and Division level tournaments.</li> </ul>	2008
<b>Academic Achievements</b>	Academic Excellence Award 2012-13 SURGE '13 fellowship Secured All India Rank 150 in IIT-JEE 2011 Secured All India Rank 188 in ISAT 2011 KVPY 2009 fellowship Secured All India Rank 39 in FTSE 2009 conducted by FIITJEE	
<b>Technical Skills</b>	<u>Languages:</u> C++, Python, HTML, MySQL, Verilog <u>Tools:</u> L <sup>A</sup> T <sub>E</sub> X, Flex and Bison, Eclipse (Android Programming), Xilinx	