

## Utkarsh Patange

### Present Address

Room 101, Hall 3  
IIT Kanpur, Kanpur  
Uttar Pradesh 208 016  
+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 Introduction to Computer Organization course 2012-13

- 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

- 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)

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

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

**Leadership Activities** **Co-ordinator**, India Haat, Antaragni '13 2013

- Responsible for conduct of major event India Haat in Antaragni '13.
- India Haat is a cultural event promoting Indian culture.

**Co-ordinator**, Chess, Udghosh '12 2012

- Responsible for conduct of Chess event in Udghosh '12.

**Academic Achievements** Academic Excellence Award 2012-13  
SURGE '13 fellowship  
Secured All India Rank 150 in IIT-JEE 2011  
KVPY 2009 fellowship

**Technical  
Skills**

Languages: C++, Python, HTML, MySQL, Verilog  
Tools: L<sup>A</sup>T<sub>E</sub>X, Flex and Bison