Utkarsh Patange

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Sahyadri Hospital, wadia factory area
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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 conduce 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:	LaTeX, Flex and Bison