

Utkarsh Patange

Present Address

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Permanent Address

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 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

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| Positions of Responsibility | Co-ordinator , India Haat, Antaragni '13 <ul style="list-style-type: none"> Responsible for conduct of major event India Haat in Antaragni '13. India Haat is a cultural event promoting Indian culture. | 2013 |
| | Secretary , Dramatics, Antaragni '12 | 2012 |
| | Co-ordinator , Chess, Udghosh '12 <ul style="list-style-type: none"> Responsible for conduct of Chess event in Udghosh '12. | 2012 |
| | Secretary , Informal Events, Udghosh '11 | 2011 |
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| Extra-curricular Activities | Video Making , as part of assignment of course Introduction to Video Making <ul style="list-style-type: none"> Video editing Cinematography | 2011 |
| | Chess Tournament , inter-school state level Maharashtra State <ul style="list-style-type: none"> Participated after clearing District and Division level tournaments. | 2008 |
| Academic Achievements | 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 | |
| Technical Skills | <u>Languages:</u> C++, Python, HTML, MySQL, Verilog <u>Tools:</u> L ^A T _E X, Flex and Bison, Eclipse (Android Programming), Xilinx | |