

## Kunal Kapila

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Double Major, Computer Science and Engineering  
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*This paragraph is about myself.* I am interested in Programming and Theoretic Mathematics. I'm not sure what I want to do in life yet. I will stop here.

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## Education

Class 10	2012	Delhi Public School, R. K. Puram	10
Class 12	2014	Delhi Public School, R. K. Puram	98.2%
Bachelor of Science	2014 - 2019	Indian Institute of Technology, India	8.7

## Course details

Semester	Total credits	Highlights
July 2016 - November 2016	45	Algorithms 2
January 2017 - April 2017	63	Computational Number Theory and Algebra
July 2017 - November 2017	49	Theory of Computation

## Skills

Computer Science : Data Structures and Algorithms, Theory of Computation  
Programming languages : C, C++, Python, Bash, Awk  
Tools : Octave, Docker, Git, L<sup>A</sup>T<sub>E</sub>X

## Projects

1. **Cimulator**: a Visual & Interactive Tutoring system - Interpreter for C language in python, modelled memory artificially, handled external header files & overflows, Prompts user with possible corrections for runtime errors instead of crashing abruptly (unlike gcc), Web interface to **simulate C codes** that were interpreted by Cimulador to provide visual cues to the user
2. Head Web, Antaragni 2016, Students' Gymkhana - Conceptualised and designed the website for Antaragni 2016. Implemented server using MEAN stack along with *ejs* for templating & *passport* for facebook authentication

## Awards and achievements

- Secured AIR 116 in **JEE Mains** 2014 & AIR 1306 in **JEE Advanced** 2014 amongst 1.5 million candidates
- Secured Rank 29 & 54 in **ACM-ICPC Amritapuri** Onsite & Online Round 2015 respectively amongst 1500 teams

## Hobbies

- Policy Making
- Watching Sports: Cricket, Tennis
- Watching Movies, TV Series
- Listening to Music