

KARTIKEY TEWARI

kartikeya30@gmail.com · 9871607123
Website: <https://kartikeytewari.github.io/blog/>

EDUCATION

National Institute of Technology, Hamirpur B.Tech and M.Tech Computer Science and Engineering Coursework: DS, Algorithms, Computer Architecture, Discrete Mathematics, Statistics, Theory of Computation, Advanced Database Management System Other Courses: Web Developer Bootcamp , Arcade Game in JS Bootcamp, Introduction to Shell Scripting	August 2017 - Present CGPA: 7.38
Delhi Public School, Vidyut Nagar Intermediate School	June 2015 - May 2017 Percentage: 92.8

COMPETITIVE PROGRAMMING EXPERIENCE

Specialist at Codeforces with Rating of 1432
Four star at Codechef with Rating of 1815

SOFTWARE PROJECTS

Research Internship at NIT Hamirpur Defined a new data structure as a replacement for segment tree for resolving queries on transitive functions in efficient manner. The research paper is under consideration for publication.	May 2020
Research Paper on parallel wavellet tree Performed regression testing on a new algorithm for parallely generating wavelet tree, on multi-core systems. The paper is also awaiting to be published.	July 2020
Image Steganography https://github.com/kartikeytewari/Image-Steganography Performed encryption on messages and then stegnographed them on host images.	June 2020
The Color Ninja game https://kartikeytewari.github.io/Color-Ninja/ A open-source color game, where the user is given RGB values and have to decide what would be the resulting color in a group of randomly generated colors, according to an AI algorithm.	April 2020
Yelpcamp https://lit-castle-88740.herokuapp.com/ A webiste for posting reviews about diffrent places one visits.	April 2020
Tennis Game https://kartikeytewari.github.io/Tennis-Game/ A open source game with AI gamming engine based on the retro tennis game.	March 2020
Movie info app https://movie-gnome.herokuapp.com/ A website to get information about different movies. It uses the OMDb API.	January 2020

AWARDS AND RECOGNITIONS

Spotted bug in Microsoft Win10 Powertoys	May 2020
Meritorious Student Award In recognition of securing cent percent marks in Intermediate Mathematics exam	CBSE July 2017
NTSE Scholar In recognition of talented students in academics	Government of India May 2015

TECHNOLOGIES

Day-to-day familiarity: C, C++, Bash, ZSH, Unix, Linux, HTML, CSS, EJS, Javascript, NodeJS
Express, MongoDB, Mongoose, MongoDB Atlas
Somewhat familiarity: OpenSSL, Bootstrap, Semantic UI, JQuery, MySQL, Git, Github, Heroku
HowlerJS, PaperJS, PassportJS, LaTeX