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| **Ankit K Barai**  3rd year B.Tech, Computer Science & Engineering  Indian Institute of Information Technology, Nagpur, India | Phone : +91 – 9511837412/9975643141  Email : [ankitbarai507@gmail.com](mailto:ankitbarai507@gmail.com)  Github: <https://github.com/ankitbarai507>  Address : P.no.12, Gajanan colony, Sangam road, Wanadongri, Nagpur, MH -441110 |

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| **Education** | |
| 2017-21 | Indian Institute of Information Technology, Nagpur ,India 9.98/10 GPA  Bachelor of Technology, Computer Science & Engineering |
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| 2017 | 12th (Senior Secondary Examination) 94%  Central Board of Secondary Education |
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| 2015 | 10th (Secondary Examination) 10/10 GPA  Central Board of Secondary Education |
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| **Internships & Trainings** | |
| May-Jul’19 | **DREAM Lab, IISc Bangalore ,India**  **SRFP Fellow, Indian Academy of Sciences**  Advised by : [Dr. Yogesh Simmhan](http://cds.iisc.ac.in/faculty/simmhan/)   * Development of Visual analytics for Drone captured videos |
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| Dec’18-Jan’19 | **Research intern, IIT Kharagpur, India**  **IoT and Fog Computing**  Advised by: [Dr. Sudip Misra](http://cse.iitkgp.ac.in/~smisra/)   * Underwent a 4 weeks training on research methodology, tools & techniques * Worked on a research project on **fog computing** with an evolutionary game theoretic approach |
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| Jun-Jul’18 | **KICIT, Nagpur, India**  **IoT programming and Cloud Interface**  Advised by: [Mr. Yashwant Kanetkar](https://en.wikipedia.org/wiki/Yashavant_Kanetkar) |
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| Oct’17 | Attended a 2 days workshop on Cisco certified Network security |
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| **Academic Projects** | |
| May-Jul’19 | **Automated Visual Analytics and Decision making for Drones**   * Developing a car counting neural network using Mobilenet object detection model and OpenCV tracker algorithm. * Training a Neural network and preparation of dataset for Indian license plate recognition. |
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| Feb-Apr’19 | **NSE stock prediction: Deep learning way**   * Stock prediction for Indian companies using Deep Learning algorithms LSTM,RNN and GRU. * The research paper is submitted to a conference. |
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| Dec’18-Jan’19 | **Fog Computing with Evolutionary Game theoretic approach**   * Developing an algorithm for efficient deploying of application on fog nodes using game theory. |
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| Aug-Nov’18 | **Result System**   * A complete result system is developed to generate and print marksheets using JSP and MySql database. * The system is currently deployed with Exam section, IIIT Nagpur. |
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| **Technical Skills** | |
| Languages | Python, C, C++, Java, R, shell script |
| Web Technologies | PHP, MySQL, HTML, CSS, JavaScript |
| Frameworks | Anaconda, Netbeans, Arduino, Raspberry pi, Latex, ROS |
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| **Honours and Awards** | |
| Received letter of Appreciation from Hon’ble Prime Minister of India and Hon’ble Minister for Human Resources, Govt. of India | |
| 2019 | Recipient of Summer Research Fellowship by Indian Academy Of Sciences |
| 2018 | Recipient of Prime Minister Scholarship Scheme. |
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| **Additional Information** | |
| 2018-19 | Event Coordinator for “Graphometry”  in Technical Fest of college - Tantrafiesta |
| 2017-present | Contributing to open source software on Github. |
| 2017 | * Cleared Examination for National Defence Academy by UPSC,India Three times. * Secured Position in top 0.1% of CBSE XII in Physics and Mathematics. * Secured position in top 1.66% In IIT JEE Advanced 2017. * Secured position in top 2.20% In JEE Mains 2017. * Cleared NEST for NISER, Bhubaneshwar. |
| 2015 | City Topper in Essay writing competition conducted by The Times of India. |
| Hobbies include playing cricket, reading sci-fi novels and trekking. | |