

## Divya Krishnani | CSE UG

International Institute of Information Technology, Naya Raipur, India

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### Educational Qualifications

<b>B-Tech</b>	Computer Science and Engineering	IIIT Naya Raipur	<b>2020</b>	<b>9.07</b>
<b>AISSCE</b>	CBSE Board	KPS Bhilai	<b>2016</b>	<b>90%</b>
<b>AISSE</b>	CBSE Board	Holy Cross S.S. School Pension Bada, Raipur	<b>2014</b>	<b>9</b>

### Academic Projects

- **Deep Learning** | Neural Image Captioning using CNN and LSTM, 7<sup>th</sup> Sem Minor Project
- **Machine Learning** | Early Prediction of Chronic Diseases using Python, 6<sup>th</sup> Sem Minor Project
- **Computer Vision** | Detection of Road from vehicle scene using Python, 5<sup>th</sup> Sem Mini Project
- **Web App** | Student Registration System using Django and PostgreSQL, Software Eng. Course Project
- **Computer Vision** | Face Recognition in Videos using CNN, google's pre-trained model and facenet
- **Web App** | Online Student Feedback System using PHP and MySQL, DBMS Course Project

### Working Experience

- **Software Engineer Intern – Microsoft, Hyderabad, India** Jan'20 – June'20
- **Software Engineer Intern – Microsoft, Hyderabad, India** May'19 – July'19  
Performed Data Analytics on Microsoft Devices Design Data. Leveraged Azure ML Studio, Azure Web Services and PowerBI for implementation.
- **Research Intern - University of Malaya, Kuala Lumpur Malaysia** May'18 - July'18  
Developed a CV & ML-based model to classify a person's behavior through social media pictures.
- **Image Processing Intern - Fedo(Speslabs Private Limited), Bangalore** Dec'17 - Jan'18  
Worked on a module of the project to extract useful text information from low quality images

### Achievements

- **Finalist** | Cleared TechGig Geek Goddess 2019 online coding round, participated in finale at Bangalore
- **Hackathon** | Secured 2<sup>nd</sup> position in the ideation phase of Microsoft Hackathon Kick-start 2019
- **Data Science** | Secured 1<sup>st</sup> position in Backyard Data Science event in Technovate 2019 IIIT Naya Raipur
- **Coding** | Qualified ACM-ICPC 2018 Gwalior Regionals, college rank 2, AIR 618, Regional finale rank 98
- **Winner** | Octocat Design by GitHub in HackDUnhackD (Hackathon, Technovate 2018 IIIT NR)
- **Finalist** | Top 5 of 50 teams in Aavartan (Technical Fest NIT Raipur), National Science Exhibition
- **Coding** | CodeChef SnackDown Online Qualifier 2017 with 3887 position in Pre-Elimination Round
- **2nd Level NSO** | State Rank- 14 and International Rank- 267 in 2nd Level SOF-18 NSO.

### Publications

- **D. Krishnani**, A. Kumari, A. Dewangan, A. Singh, N. S. Naik, "Prediction of Coronary Heart Disease using Supervised Machine Learning Algorithms," *TENCON 2019 - 2019 IEEE Region 10 Conference (TENCON)*, Kochi, India, 2019, pp. 367-372. <https://ieeexplore.ieee.org/document/8929434>
- **D. Krishnani**, P. Shivakumara, T. Lu, U. Pal, R. Ramachandra, "Structure Function based Transform Features for Person Behaviour-Oriented Social Media Image Classification", *5th Asian Conference on Pattern Recognition (ACPR)*, 2019. [https://doi.org/10.1007/978-3-030-41404-7\\_42](https://doi.org/10.1007/978-3-030-41404-7_42)
- **D. Krishnani**, P. Shivakumara, T. Lu, U. Pal, "Person Abnormal Behaviour Identification through Posting Images in Social Media", *Data Science Research Symposium*, 2018.

### Skills

- **Languages & Script** | C, C++, LaTeX, Verilog HDL(Basic), Java, Python, Linux Shell Scripting
- **Web Technology** | HTML5, CSS3, Bootstrap, Javascript, Django, PHP, MySQL, PostgreSQL
- **Libraries/Packages** | OpenCV, Tensorflow, Scikit-Learn, Scipy, Matplotlib, Tesseract-OCR

### Positions of Responsibility

- Senior Coordinator of Training and Placement Cell, IIIT Naya Raipur
- Volunteer in Technovate, Techno-Cultural Fest of IIIT Naya Raipur
- Education Cabinet Minister of Holy Cross S.S. School Pension Bada Raipur C.G in 10<sup>th</sup> Standard