Divya Krishnani | CSE UG

International Institute of Information Technology, Naya Raipur, India

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Educational Qualifications

B-Tech	Computer Science and Engineering	IIIT Naya Raipur	**2020**	**9.05**
AISSCE	CBSE Board	KPS Bhilai	**2016**	**90%**
AISSE	CBSE Board	Holy Cross S.S. School Pension Bada, Raipur	**2014**	**9**

Academic Projects

- **Deep Learning |** Neural Image Captioning using CNN and LSTM, 7th Sem Minor Project
- **Machine Learning |** Early Prediction of Chronic Diseases using Python, 6th Sem Minor Project
- **Computer Vision |** Detection of Road from vehicle scene using Python, 5th 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
- **IoT |** Automatic Street Light System using IR Sensors and Arduino Uno, Course Project

Working Experience

- **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 Computer Vision and ML-based framework to classify a person's abnormal behavior by images posted in social media. Presented in Data Science Research Symposium, UM, Malaysia
- **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

- **Hackathon |** Secured 2nd position in the ideation phase of Microsoft Hackathon Kick-start 2019
- **Data Science |** Secured 1st position in Backyard Data Science event in Technovate 2019 IIIT Naya Raipur
- **Coding |** Secured rank 98 at ACM-ICPC 2018 Gwalior onsite finals
- **Coding |** Qualified for ACM-ICPC 2018 Gwalior Regionals with college rank 2 and AIR 618
- **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 - IEEE Region 10 Conference, 2019. (Accepted)
- **D. Krishnani,** P. Shivakumara, T. Lu, U. Pal, R. Ramachadra, "Structure Function based Transform Features for Person Behaviour-Oriented Social Media Image Classification", 5th Asian Conference on Pattern Recognition (ACPR), 2019. (Accepted)
- **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 10th Standard