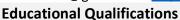
# Divya Krishnani | CSE

Software Engineer, Microsoft Hyderabad, India

International Institute of Information Technology, Nava Raipur, India

div.krish02@gmail.com https://divyakrishnani.github.io/



B-Tech	Computer Science and Engineering	IIIT Naya Raipur	2020	9.12
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, 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 – Microsoft, Hyderabad, India

July'20 - Present

• 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

D

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**

- **Krishnani, D.**, Shivakumara, P., Lu, T. et al. A new context-based feature for classification of emotions in photographs. Multimed Tools Appl (2021). <a href="https://doi.org/10.1007/s11042-020-10404-8">https://doi.org/10.1007/s11042-020-10404-8</a>
- **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. Ramachadra, "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
- **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

