

KUMAR NEELABH

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EDUCATION

IIIT Hyderabad MS (by Research) Computer Science <i>GPA: 9.00</i>	Hyderabad, IN Aug 2020 - Present
Indraprastha University BTech Computer Science	Delhi, IN Aug 2016 - Jul 2020

WORK EXPERIENCE

IIIT Hyderabad <i>Student Researcher</i>	Hyderabad, IN Dec 2020 - Present
<ul style="list-style-type: none">Working on neural audio-visual compression.Supervised jointly by Prof. C.V. Jawahar of IIIT-H and Prof. Vinay Namboodiri of IIT-K.	
IIT Bombay <i>Research Intern</i>	Mumbai, IN May 2019 - Nov 2019
<ul style="list-style-type: none">Worked on abnormality detection in chest X-rays.Supervised by Prof. Suyash Awate.	
IIT Bombay <i>Research Intern</i>	Mumbai, IN May 2018 - Jul 2018
<ul style="list-style-type: none">Worked on explainable AI - on visualizing classification decision-making by neural networks.Supervised by Prof. Suyash Awate.	

MASTER'S COURSEWORK

Deep Learning:	Reinforcement Learning · Advanced NLP · Computer Vision
Neuroscience:	Intro to Neural and Cognitive Modeling · Cognitive Neuroscience

PROJECTS

WikiQA: Open Domain Question Answering <i>Python, PyTorch</i> https://github.com/skosgi242/DRQA A neural question-answering system that can answer factual questions by reading Wikipedia.
Anomaly Detection on Chest X-Rays <i>Python, PyTorch</i> https://github.com/kumar-neelabh/ChestXRay A deep one-class classification pipeline for anomaly detection on chest x-rays.
Effect of Social Media on Reading Comprehension <i>Python, NumPy</i> An experiment to analyze the effects of social media usage on reading comprehension performance in terms of time taken and comprehension score.

AWARDS

Ericsson Innovation Awards: World Finalist <i>Ericsson HQ</i> Selected as world finalist (second runner-up) for my project TL;DR, a neural system that reads and summarizes customer agreements.	Stockholm, SE May 2018
Joint Entrance Screening Test: AIR 9 <i>Institute of Mathematical Sciences</i> JEST is a national-level entrance test for admission to research-based postgraduate programs in computer science.	Chennai, IN Feb 2020
TIFR Graduate School Admissions: AIR 7 <i>Tata Institute of Fundamental Research</i> TIFR is India's premier research institute in fundamental sciences. I was among the 7 students offered admission to TIFR's PhD program in computer science.	Mumbai, IN Aug 2020