Shekhar Gupta

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EDUCATION

- **Indian Institute of Information Technology Allahabad (UP)** *July 2019 - Present*
  M.Tech - IT(Software Engineering) CGPA: 8.3 (*upto 3rd Sem*)

- **National Institute of Technology Srinagar (J & K)** *August 2014 - June 2018*
  B.Tech - Computer Science & Engineering CGPA: 7.06

- **Children Academy Sr. Sec. School, Alwar (Rajasthan)** *July 2011 - May 2013*
  Class XII (PCM) Agrregate: 83.60% (*RBSE Board*)

EXPERIENCE

- **Graduate Technical Intern @ Intel Technology India Pvt. Ltd. - Bangalore** *January 2021 - 30th June 2021*
  Worked in automation team where I automated sanity test cases for integration team using python and worked to automate Android test suite runs eg. CTS, VTS and GTS.

- **Teaching Assistant @ IIIT Allahabad** *August 2019 - May 2021*
  Courses - Data Structure and Algorithms and Operating System
  Responsibilities - Solving students doubts, Checking assignments and taking viva etc.

PROJECTS

- **Human Motion Prediction** *(M.Tech Thesis)* *August 2020 - May 2021*
  Proposed novel inception residual block architecture with Graph Convolution network to predict human motion. Achieved state of art result. Written paper and sent for publishing.

- **Text analysis for emotion classification** *February 2020 - May 2020*
  Trained emotion classification model using LSTM network with different variants eg Bidirectional LSTM, Dropout, Regularization etc. and compared their result. Achieved 67% accuracy on MELD dataset.

- **Neural Machine Translation English →Hindi** *(B.Tech final year)* *February 2018 - May 2018*
  Implemented NMT using Encoder-Decoder architecture with LSTM cells on IIT Bombay English Hindi Parallel corpus. Got satisfactory result.

TECHNICAL SKILLS

- **Programming Languages and Libraries:** C/C++, Python and Keras, Pytorch, Matplotlib, Numpy

RELEVANT COURSES

Data structures, Algorithms, Operating System, OOP Concepts, Introduction to Machine Learning, Software Requirement and Estimation

ACHIEVEMENTS & EXTRA-CURRICULAR ACTIVITES

- Winner of Code+ Programming Contest in IIITA

- 98.61 percentile in GATE 2019

- 98.32 percentile in JEE Main - April 2014