

# Shivangi Motwani

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## Education:

<b>International Institute of Information Technology, Bangalore</b> (M.S in Computer Science)	August'18-Present
<b>Government Engineering College, Gandhinagar(7.75/10)</b> (B.E in Electronics and Communication)	2013-2017

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## Project and Experience:

**Junior Research Fellow** January'18 - Present  
(International Institute of Information Technology, Bangalore)

- Working at Graphics Visualization Computing Lab under Prof. Jaya Sreevalsan Nair on functional analysis using Tensor Fields.

**Software Associate** May'17 - July'17  
(OkayG.com)

- Extracted and analysed production quality data.
- Worked heavily with CasperJS, jQuery, Node JS, Regex and JSON data.
- Also worked with then latest TensorFlow API for Object Detection.

**Implementation of Deep Learning algorithm** June'16 - May'17  
(Undergraduate Project)

- Started individual research project to understand deep learning and identify novel topic for further research.
- During this period I learned fundamentals about CNN, RNN, LSTM.
- Completed Stanford's CS231n Convolutional Neural Network for Visual Recognition to learn deep learning fundamentals and direct me to papers relevant to my project.
- Trained CIFAR-10 classification dataset and got accuracy around 88%. Used tf learn framework.

**Photonics Lab** May'16  
(IIT Gandhinagar)

- Collaborated with Ph.D student and worked on their Project.
  - Worked on Matlab and octave codes for analysis.
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## Languages and Technologies:

- **Programming Languages and Tools:** Python, JavaScript, C++
  - **Spoken Languages:** Hindi (Native), English (Advanced), Gujarati (Proficient), Sindhi (Proficient)
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## Awards and Participation:

- Recipient of **WTM Udacity Scholarship**(August,17-Present)
- **First Prize for Poster Presentation at National Conference on Emerging Trends** (September, 2016).
- **Student Scholar at Grace Hopper Celebration India**(December, 2016).
- Student at Advances in Speech and Audio Processing at DA-IICT, Gandhinagar(July, 2016).
- **Student at Machine Learning Summer School at IIT, Gandhinagar**(May, 2016).

- Student at **Tunable Diode Laser Spectroscopy - Principles and Application** at IIT, Gandhinagar(February, 2016).
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### **Extracurricular and Leadership:**

- **Launched** college **magazine** for the first time and **served as Editor and Deputy editor**(2013-2014).
- **Started** the entrepreneur **talk show** at college and hosted 3 shows successfully.