

## Saichethan Reddy

Bhagalpur  
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### EDUCATION

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**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY**, Bhagalpur, Bihar  
B. Tech (Bachelor's), Computer Science  
Overall GPA: 7.86/10.0

### COMPUTER SKILLS

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Pytorch, Scikit-learn, Python, C++, C, Data Analysis, JavaScript, LINUX/UNIX, HTML, PHP

### WORK EXPERIENCE

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**Number Theory Research.** IIIT Bhagalpur - *Present*

*Research* - Analyzing relation between coefficients and variable. Improved way to solve linear regression models and linear equations reducing the variable dependency using coprime properties. I prepared a draft of this paper.

**PyTorch Scholarship 2018/19.**

*Learning* - Together with Udacity, Facebook is investing in a scholarship program that will enable students to acquire cutting edge skills in deep learning using PyTorch, a deep learning framework that provides a seamless path from AI research. I am awarded this scholarship.

**Google India Challenge Scholarship 2018.**

*Learning* - The first phase of scholarship contains access to "Intro to HTML & CSS" to 10,000 students after successfully completing phase 1 I earned scholarship to Front-End Nanodegree, one in 350.

### PROJECTS

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**Image Classifier:** Built an Image classifier from scratch that will identify different species of flowers using Pytorch.

*Skills needed:* PyTorch, Python

**Style Transfer:** Built different filters and implemented style transfer to multiple images.

*Skills needed:* PyTorch.

**Wikipedia Web crawler using python:** Developed a simple Wikipedia web crawler using python to crawl.

*Skills needed:* Python, Requests, IPython Console

### PUBLICATIONS

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Saichethan Reddy, "Improving Visual Search Results", International Journal of Computer Science and Engineering, Vol.6, Issue.12, pp.170-172, 2018