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## Education

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### University of Pune, India // Bachelor of Engineering

JUN 2013 - JUL 2017, PUNE

Studied Computer Engineering at the **Army Institute of Technology**.

Graduated with a first class with distinction.

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## Experience

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### ParallelDots, Inc. // Associate Data Scientist

JUL 2018 - PRESENT, GURGAON

Researching and developing state-of-the-art text and natural language solutions for the ParallelDots AI API. Working on problems in domain adaptation and transfer learning techniques in NLP, and on Bayesian machine learning.

### Indian Institute of Technology, Delhi // Research Intern

AUG 2017 - MAY 2018, NEW DELHI

Worked under Dr. Jayadeva of the Dept. of Electrical Engineering.

Studied the generalisation properties of deep neural networks, co-wrote a study paper and assisted with one academic paper.

### Edelweiss Financial Services // Data Science Intern

JUN 2016 - JUL 2016, MUMBAI

Designed and developed a model to predict propensity of claims in new insurance policies for the Risk Analytics team at *Edelweiss-Tokio Life Insurance*. Model achieved an AUC of 0.89 on a dataset with extreme class imbalance.

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## Publications

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### Camera2Caption: A Real-Time Image Caption Generator<sup>[1]</sup>

P. Mathur, A. Gill, A. Yadav, A. Mishra, N.K. Bansode

IEEE International Conference on Computational Intelligence in Data Science (ICCIDS 2017)

### Effects of regularization on model complexities of neural networks<sup>[2]</sup>

M. Sharma, A. Yadav, S. Soman, Jayadeva  
(pre-print)

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## Outreach & Miscellanea

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### **Teach for India // Education Volunteer**

JUL 2017 - SEP 2017, NEW DELHI

Designed and taught a Computer Literacy course to standard 8th and 9th students in Jahangirpuri area, North Delhi.

### **Notable open source projects and contribution**

neural-nuts/image-caption-generator<sup>[4]</sup>

fastai/fastai<sup>[5]</sup>