

EDUCATION

- **Birla Institute of Technology and Science** Pilani, India
B.E. in Electronics and Instrumentation & M.Sc. in Economics *Aug. 2015 – May. 2020*
- **Sunbeam English School, Bhagwanpur** Varanasi, India
Graduated with 92% in Science *Apr 2012 – May. 2014*

EXPERIENCE

- **Flipkart** *May 2019 - Present*
Data Science Intern
 - Worked on cold-start time-series sales forecasting of new product launch.
 - Developed and optimized a complete orchestration pipeline which takes in sales data and outputs sales forecast from the launch day and to upcoming 3 months.
- **Performance Co-Pilot** *May 2017 - Aug 2017*
Google Summer of Code Student
 - Worked on Netflix OSS' project Vector, an on-host performance monitoring framework.
 - Enhanced user functionality by adding a custom widget feature that enables the user to add metrics with tweaks to a new blank widget.

PROJECTS

- **Deep Localisation:** A project with highly accurate single-object localisation model, with a mix of snapshot ensembles and attention on various fine-tuned imagenet architectures.
- **Deep Recommender:** An implementation of the paper 'Training Deep AutoEncoders for Collaborative Filtering' using Tensorflow and Keras on Netflix Prize Dataset and OMDb.
- **Latch - The Location Based Chat:** A cross-platform hybrid location-based chat application including features such as group chat, SOS alerts, chatbot service and end-to-end encryption for chat messages. Built using Ionic Framework and a combination of NodeJS and Django.
- **Stock Price Movement Analysis:** Analyzed correlation of stock price movement with ad-campaigns using sentiment analysis on Twitter data. Scraped Twitter data with Selenium and sentiment analysis was performed by using SciPy.
- **Adrift:** An augmented reality app focusing on visualizing textbook models in 3D for an enhanced education experience of school students.

RESPONSIBILITIES

- **Teaching Assistant - Neural Networks and Fuzzy Logic:** The course deals with design and application of Neural Networks, with assignments and a course project. Involved in creating assignments, exams and allocating projects and conducted workshops to bootstrap with deep learning frameworks such as PyTorch and Tensorflow.
- **Coordinator - Department of Visual Media:** Headed a technical team of 40+ members. Built websites, apps, registration and payment portals, promotional videos and online shop for merchandise for the three college fests.

COMPETITIONS

- **Flipkart GRiD Datathon 2019** *Finalist*
Finalist among the Top 10 teams across the 2800+ teams registered from top engineering colleges in India, securing a leaderboard score (Mean IoU) of 93.89%. Finals were held at Flipkart Headquarters, Bangalore.
- **Schneider Electric Go Green in the City 2018** *Global Finalist*
Finalist among the Top 10 teams across 180 countries and 24,000+ participants, who pitched their ideas to senior executives of Schneider in Atlanta, USA. Developed an incentive-based waste management system for a smart city based in future.
- **ITC Infotech iTech 2017** *Winner*
Annual Technology Innovation Co-creation Platform hosted by ITC Infotech. It was open to all codeathon including students, graduates and software developers. Winner amongst 4000+ teams across India and was awarded 4200 USD.