

# Shashvat Kedia

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## EDUCATION

### SHIV NADAR UNIVERSITY

BTECH. COMPUTER SCIENCE AND  
ENGINEERING

Expected May 2020 | Dadri, India

Cum. GPA: 8.31

### K.D.A.V

GRAD. APRIL 2016 | GUJARAT, INDIA

CBSE 2016 | 12th Grade | 92.2/100

### DELHI PUBLIC SCHOOL

BANGALORE, INDIA

CBSE 2014 | 10th Grade | 8.8/10

## COURSEWORK

### OTHER COURSES

Machine Learning A-Z

Deep Learning A-Z

Cryptography 1

Divide and Conquer, Sorting and

Searching, and Randomized Algorithms

### UNDERGRADUATE

Introduction to OOP in Java

Operating Systems

Computer Architecture

Intro to Database Systems

Introduction to Programming in C

Data Structures

Computer Organization

Discrete Mathematics

Computer Networks\*

Software Engineering\*

## SKILLS

### PROGRAMMING

• Java • JavaScript • C++

• Android • Python • C • Git

### WEB DEVELOPMENT

• HTML5/CSS3 • JQuery • NodeJS

• React • AngularJS • AJAX

• MongoDB • React-Native • Bootstrap

• MySQL • GraphQL • REST • Redux

### DATA ANALYSIS

• Keras • Tensorflow • nltk • numpy

• Pandas • sklearn

### BIG DATA

• Hadoop • Spark • Hive • Pig

• Flume • HBase • Kafaka

## EXPERIENCE

### RELIANCE JIO INFOCOMM LTD. | BIG DATA INTERN

June 2018 - July 2018

Worked on rsync to optimize, transfer of huge amounts of data(terabytes) in an efficient and synchronous manner to HBase and HDFS. Implemented Pig and Hive queries to pull and transform data for ETL process from Kafaka to HDFS. Also worked on optimizing Oracle and Apache Hive queries for reducing the amount of cluster resources used for execution thus attaining a higher performance during data processing.

### OWNCLOUD | OPEN SOURCE CONTRIBUTOR

Nov 2017 – Present

Working on implementation of different features in the ownCloud android application like Upload from Camera, Pattern lock and also working on improving trust and security of user login in the app. The app is being used by more than 100 Thousand Users.

## PROJECTS

### SMART LUGGAGE | HINT 2018 (7<sup>TH</sup> POSITION)

Made an Automatic Trolley Human Follower for a general or an industrial user that is affordable. Which can help a user to reduce the utilization of human energy in order to carry heavy things. This automatic trolley human follower is controlled by an Arduino, and uses a combination of ultrasonic range sensors, accelerometer, gyroscope, fingerprint sensor and camera. Also worked on an android app to facilitate interaction between the trolley and the user.

### CAPTION GENERATOR

An attention based model that uses CNN to find features in the image and then uses an attention based LSTM to generate caption. The model learns to "attend" to selective regions while generating a description.

### PREINSTA

An image management android application that allows users to apply different filters onto there images and and also has the functionality to suggests captions based on the contents of the image. Using the app users can combine the style of one image into the content of another (Neural Style Transfer) and post the images directly to various social media platforms.

## RESEARCH

### ANALYSIS OF GENERATIVE MODELS FOR TWITTER SARCASM DETECTION | UNDERGRAD RESEARCH

May 2018 - Present | Shiv Nadar University

In this research project we take advantage of the conversation context provided by the tweets and the replies to these tweets extracted using the Twitter API to detect sarcasm using a Generative Adversarial Network.

## AWARDS

Hack In The North 2018(7th Position) March 2018 IIIT Allahabad