# RAHIL REHAN

I'm an avid learner and I like to solve complex problems that can have an impact, Entrepreneurial and tech enthusiast with a passion to learn, teach and lead. I play my guitar or badminton in my free time.

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## EDUCATION

### Computer Science Engineering
RGUKTN

*06/2017 - Present*                              *gpa 9.2*

## PERSONAL PROJECTS

### BitTorrent Client with Golang
- Designed and built a single file bittorrent client built from scratch using golang, Handled concurrency while downloading from peers.

### Object Detection and person tracking on Tello Drone
- Implemented object detection using Mini Yolo on Tello drone, fly with keyboard controls and track human faces and follow them

### YelpCamp - MERN stack
- YelpCamp Web application with MERN stack, CRUD, Authentication and Authorization, Comments with CRUD and associated users.

### Data Structures and Algorithms in JavaScript
- Famous datastructures, algorithms and some famous technuiquesimplemented in JS.

### Pytorch Projects, .
- Style transfer using pytorch.
- Multi-class image classification.
- MSNIST and Fashion MNIST classification

### Project Links and other interesting projects
- https://github.com/RahilRehan?tab=repositories

## WORK EXPERIENCE

### Drones and AI intern
Eigen Vectors

*08/2019 - 12/2019*                              *Pune*
*Achievements/Tasks*
- Built and maintained object detection(Deep Learning) system on low-powered hardware of drones.
- Fixed flight controller bugs

### Teaching Assistant, English
RGUKTN

*08/2018 - 12/2018*
*Achievements/Tasks*
- My responsibilities were to help students and make sure they understand all of the concepts and lessons.

## SKILLS

`Javascript (Expert)` `Python (Intermediate)`

`Datastructures and Algorithms (Intermediate)`

`Golang (Beginner)` `NodeJS (Intermediate)`

`ExpressJS (Intermediate)` `MongoDB (Intermediate)`

`ReactJS (Beginner)` `MySQL (Beginner)`

## ACHIEVEMENTS

### 3 times Paper Presentation Winner (2017-2020)Winner
*Awarded 1st Price in paper presentation in national level Teckzite, RGUKT. 1. Secure Cyber infrastructure in India, 2. Redesigning Computer Networks with Machine Learning 3.Optimization of object detection algorithms in Drones.*

### Ideation, Technostart(RGUKTN)
*MOOC platform for professional .*

### Crawler, Technostart(RGUKTN)
*Awarded first prize in national level Teckzite event.*

### Spelling Bee Finalist
*Contestants must memorize the spellings of words as written in dictionaries, and recite them accordingly.*

## ORGANIZATIONS

### Artificial Intelligence Club
*Student Coordinator - Started the idea of AI club in university, hence forming and leading a group of enthusiastic students.*

### Student Development & Campus Activities Cell,RGUKT
*Organized many coding competitions and gave introductory tutorials to technologies.*

### National Service Scheme
*Volunteer -a public service program conducted by the Ministry of Youth Affairs and Sports of the Government of India*

## LANGUAGES

English
*Limited Working Proficiency*

Hindi
*Native or Bilingual Proficiency*

Telugu
*Native or Bilingual Proficiency*

Urdu
*Native or Bilingual Proficiency*

## INTERESTS

`Web Dev` `Deep Learning` `Distributed systems`

`Drones` `Badminton` `Gaming` `World Tour`