

# Nikhil Gupta

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## EDUCATION

**NATIONAL INSTITUTE  
OF TECHNOLOGY, ROURKELA**  
BTECH IN COMPUTER SCIENCE  
& ENGINEERING  
Expected Grad: May 2020

## CAREER OBJECTIVE

To achieve a position where I can utilize my knowledge and skills for the betterment of the organization and build products that ease mankind.

## LINKS

🐙 [Github:// nguptaa](#)  
🌐 [LinkedIn:// nguptaa](#)  
📘 [Facebook:// nguptaa183](#)  
🐦 [Twitter:// @ngupta183](#)

## PERSONAL

## DEVELOPMENT

### COURSES TAKEN

Learn Git by Codecademy  
Complete Python Bootcamp  
Machine Learning by Andrew Ng  
Python for Data Structures,  
Algorithms  
The Web Developer Bootcamp  
PHP for Beginners  
The Complete Node.js Developer  
Course  
Modern React with Redux

## TECHNICAL SKILLS

### LANGUAGES:

Python • C/C++ • JavaScript  
PHP • HTML • CSS

### LIBRARIES/Frameworks:

Bootstrap • React • NodeJS

### DATABASES:

MySQL • MongoDB

### FAMILIAR:

Git • GitHub • Shell • MS Office •  
Photoshop

## PROJECTS

### SENTIMENT ANALYSIS | TEXT MINING

Jan, 2019

A python script written out of a curiosity to know the reaction of peoples of my country Nepal on newly elected PM. The script basically scrapes all the top tweets on PM topic and based on the user response it performs sentiment analysis on it and determines whether the opinion is positive, negative or neutral.

### MOVIE TV SHOW NOTIFIER | WEB SCRAPING

Nov, 2018

A python script to send a user an email that contains information like release dates of the entered Movie/TV Show. It's written in python 3. All you need is to run the script, provide your email address and list of Movie/TV Shows you want to get notified.

### MICROSOFT CAMPUS CLUB WEBSITE | FULL STACK WEBSITE

May - July, 2018

Developed a full stack website for the club throughout the summer from scratch. Temporarily it's hosted at <https://msclubnitrkl.000webhostapp.com> Soon it will be live on NIT Rourkela subdomain. HTML, CSS, JavaScript are used in the frontend part, PHP in the backend and MySQL in the database.

### SCHEDULE BOT | NATURAL LANGUAGE PROCESSING

May - July, 2017

Schedule Bot is a messenger based NLP(Natural Language Processing) bot which I made during my freshman year when I was too annoyed with my paper timetable as I have to see it every other hour. This bot helps a person by letting them know their particular subject at a particular time when provided with respective section and lab group.

## WORK EXPERIENCE & LEADERSHIP

### PROPELLED | SUMMER INTERN

May-Jun 2019 | Bangalore, KA

Created a complete well documented service called cache service and integrated it with frontend for visualization. Also integrated consul services for health checkup and service discovery in few services used, and remotely contributed in few API's documentation of different services used.

### KWOC | WINTER INTERN

Dec 2018 | KWOC, IIT Kharagpur

Contributed in developing information portal of National Institute of Technology, Durgapur. Also added continuous integration and codecoverage in the github repository for better integration.

### NETWORKING LAB | RESEARCH STUDENT

2018 - Present | NIT Rourkela, OD

Machine Learning Techniques Applied to Software Defined Networking (SDN) -  
Ongoing Research

### MICROSOFT CAMPUS CLUB | TECHNICAL COORDINATOR

2018 - Present | Rourkela, OD

Microsoft Campus Club is the most active, innovative and creative technical club that our institute has to date. I have never been so obsessed with technologies and open to ideas before I joined MCC. I joined the club during my freshmen year and was assigned as club technical coordinator at the end of my sophomore year.