

# KEYUR KHANT

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## EXPERIENCE

### WeeTech Solutions - Surat

#### Full Stack Developer Intern

May 2019 - June 2019

- Worked on Nodejs, Socket.io, MongoDB & Angular 7.
- Internship Team Lead
- Created responsive Chat Web Application module.

### College Of Agricultural Information Technology - Anand

#### Project Intern

Dec 2019 - Mar 2020

- Work under Dr. Raghuvirsinh S. Parmar for "Agriculture Automation with Crop Yield Prediction" project.
- Worked on machine learning techniques for prediction, analysis of meteorological data of Gujarat region for yield prediction.
- IoT based implementation using Raspberry Pi for Smart Irrigation.

## PROJECTS

### ToonNet : Emotion Recognition of Animated Cartoons using CNN

- Emotion recognition system to detect different emotion of video clip like Happy, Sad, Angry, Surprised of well-known cartoon characters Tom & Jerry using Convolution Neural Network(CNN) with accuracy of 81%.

### Agriculture Automation using Crop & Crop Yield Prediction

- Analyze meteorological & crop affecting factor and create model using Random Forest Algorithm with 92.8% accuracy.
- IoT based implementation using Raspberry Pi for Smart Irrigation. Design a dashboard prototype for web access of farm system.
- Selected for Student Startup and Innovation Policy(SSIP) Grant.

### Restaurant Billing System

- According to orders, bill generation system using JSP.

### G-Code Wrapper

- Build API in python that convert G-Code of a plain design into spherical, conical or cylindrical surface for CNC machine.

## COMPETITION

### River Monitoring System using IoT, SCET Hackathon, Surat

- 2nd runners up

### Deep Learning challenge, HackerEarth

- 52 out of 2100 participants in Identify Dance Form DL challenge.

### OCR Hack, HackerEarth/Exact Sciences

- Proposed an idea for OCR solution for hospital management.

### Agriculture Robot, Smart India Hackathon

- Selected for hardware edition & prototype development.

## SKILLS

### Languages

Python, Java, C++, JavaScript, SQL, C#

### Frameworks & Libraries

Scikit-Learn, TensorFlow, Keras, OpenCV, Hadoop, Flask, NodeJS, Selenium, Beautiful Soup

### Tools

Git, Tableau, Firebase, Raspberry Pi

## EDUCATION

### G H Patel College of Engineering & Technology - Anand

B.E - Computer

2016 - 2020

CGPA - 8.30 (Up to 7th Semester)

## MOOCs

- Hands On Python in Data Science by SuperDataScience (Udemy)
- Deep Learning Specialization by deeplearning.ai (Coursera)
- Exploring Web Scraping with Python by Clarke Bishop (Pluralsight)
- Scraping Dynamic web pages with Python & Selenium by Pratheerth Padman (Pluralsight)

## VOLUNTEERING

### Imaze - 17, Student Coordinator

- Event-organizer in techfest-IMAZE held at College Campus.

### Rotaract Club, PR Officer & Web Master

- Organize cricket & badminton sports event at town level.
- Contribute as Public Relations Officer.

### Computer Society of India, Member

## PERSONAL INFO

Date of Birth - 07 November 1998

### Languages -

- English: bilingual proficiency
- Hindi: fluent
- Gujarati: native