

# RITVIK KHANNA

## Software Engineering Student

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Vellore, India

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## EXPERIENCE

### Technical Intern

#### Chaayos

June 2017 – July 2017

New Delhi

- Developed a Visualization tool for error analysis for a detailed IOT based machine.
- Worked on Python and used AWS S3 storage service in the project
- The project involved Raspberry Pi, Arduino microprocessors.
- Technologies used: Python, Amazon S3, ELK Stack

### Technical Intern

#### GAIL (India) Limited

December 2016 – January 2017

Noida

- Worked on Web Development Project under the Business Information Systems (BIS) team of GAIL, Noida.
- Created a internal e-banking portal using .NET programming
- Technologies used: HTML, CSS, JS, C#, MySQL.

## PROJECTS

### Home Automation with a Throwback Tool

August 2017 – November 2017

- An IOT based project. A home assistant embedded in a daily used mirror, that can be remotely controlled with a dedicated mobile application.
- Connected to Firebase database with authentication for data privacy of different users and real time updates.

### Classifier Comparison On Census Data

Feb 2018 – May 2018

- A detailed Machine Learning research on different supervised machine learning algorithms on predicting the range of annual income of the person, whether it is above or below 50K depending on various personal and work data provided.
- The classifiers are compared by different evaluation measures like Confusion Matrix, ROC curve, Gini Index.

### Park&Forget

Feb 2017 – March 2017

- An Android Mobile Application, "Park&Forget" will help it's users to be able to store the location of the place they have parked their Car.
- It uses Google Maps API and geolocation services to detect and direct location and Google's Firebase is used as a storage service.

## SKILLS

Proficient - C++ Python

Intermediate - Java JavaScript

Data Structures

Android

Machine Learning

Internet Of Things

## EDUCATION

### B.Tech - Information Technology

#### Vellore Institute of Technology

July 2015 – May 2019

CGPA (as of 6th sem) - 8.8

### SSC board

#### FIITJEE, Hyderabad

May 2013 – May 2015

Percentile - 96.7

## EXTRA-CURRICULAR

### Director Of Operations

#### Erde NGO, Vellore

2017 – 2018

Overlooking the operations and logistics department of ERIDE, a non profit organisation in and around Vellore.

### Team Sales Co-ordinator

#### GraVITas'17, VIT

2017

Handled various requirements of sales and official merchandise of the Technical festival.

### Team Sales Volunteer

#### Riviera'17, VIT

2017

In charge of the sales and marketing of official fest merchandise and ProShow Concert tickets of the Cultural and Sports festival.

For more information about me visit -  
ritvikkhanna.co.in