

RITVIK KHANNA

Software Engineering Student

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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

C++

Python

Java

JavaScript

HTML/CSS

Data Structures

Android

Machine Learning

Internet Of Things

EDUCATION

B.Tech - Information Technology

Vellore Institute of Technology

2015 – 2019

CGPA (as of 6th sem) - 8.8

SSC board

FIITJEE, Hyderabad

2013 – 2015

Percentile - 96.7

EXTRA-CURRICULAR

Director Of Operations

ErIde 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.