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

Proficient - C++   Python

Intermediate - Java   JavaScript

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.