

## EMPLOYMENT

---

### Machine Learning Intern NUS, Singapore Summer 2019

- Used Beautiful Soup, Tweepy to scrape large amount of text data from Quora and Twitter
- Worked on Natural Language Processing used nltk, keras for projects like text summarization and sentiment analysis

### Technical Lead ADG-VIT Student Chapter Fall 2019 – Spring 2020

- Worked on the backend for various websites using node.js and flask
- Created TAP-VIT, an app for automated logging in into VIT's public Wi-Fi. The app has over 2000 downloads on the Play Store and has around 200 daily active users. (Android, java, retrofit)
- Taught basics of Python, Javascript, node.js and git to over 100 Students.

### Software Engineering Intern HK Automation Pvt Ltd Summer 2018

- Worked on Machine Learning for Industrial IOT systems used for Energy management.
- Developed APIs to store and route data from IOT Systems.

## EDUCATION

---

### Vellore, India Vellore Institute of Technology (VIT), Vellore Fall 2017 – April 2021

- B. Tech in Computer Science and Engineering; CGPA: 8.99/10.
- Undergraduate Coursework: Data Structures and algorithms; Operating Systems; Databases; Programming Languages – C++, Java, Python; Comp. Architecture, Natural Language processing;

## TECHNICAL EXPERIENCE

---

### Projects

**Graphle (2020)**. Graphle is a service build to make **learning easy for autistic students**. It takes in real time input from the teacher, and arranges it in a visual manner. **(Node.js, Python, Java)**

**ADG-VIT Recruitment Portal (2019)**. A portal built for recruitment of students to ADG-VIT student chapter. The portal was built using **Node.js, Express, mongoDB** and was deployed to **Heroku**. The app had over **750 users**.

**TAP-VIT (2018)**. An Android app that automates the process of logging in to the VIT Wi-Fi using a single touch. The app has over **2000 downloads on the Play Store** and has about 200 daily active users. **(Android, Java, Retrofit)**

**JS Obfuscator(2019)**. Website where you can upload JavaScript files to be obfuscated and then download them. **(Node.js, Express)**

**COVID- 19 Info(2020)**. A website to spread awareness about COVID-19 and get the live statistics about the Pandemic **(Python, Streamlit)**

**Short It(2020)**. A Simple URL Shortener built using **Node.js, Express and MongoDB**

### ADDITIONAL ACTIVITIES AND AWARDS

---

- **Winner at Ivy Hacks 2020 – [Best Social Good Prize](#).**
- Speaker at Git-init – A workshop on **Git and GitHub** for beginners
- **Winner** at MLH Local Hack Day by **Developer Student Club and GitHub**.
- **Finalist, Cal Hacks 2019**, University of California, Berkley.
- **Speaker at PyClass** - A Python workshop for beginners

### Languages and Technologies

---

- Languages: C++, Python, JavaScript, Java
- Technologies: Git, MongoDB, Heroku
- Frameworks: Express, Flask, Streamlit
- Machine Learning: Numpy, Pandas, Scikit-learn, Keras, NLTK