

# Poojah Ganesan

Student

## SUMMARY

Undergraduate Student of Electronics and Communication Engineering interested in Networking, Machine Learning, Data Science, and Coding.

## WORK EXPERIENCE

### Research Intern

Select Month **Select Year** - Select Month **Select Year**

Solarillian Foundation

### Intern

June **Select Year** - August **Select Year**

Verzeo in collab with Microsoft

Worked on projects such as mask detection and text to speech conversion

### Intern

Nov **2018** - Dec **2018**

Larson and Tubro Constructions

India

### Intern

Jun **2019** - Aug **2019**

Venkateshwara Electronics

India

## EDUCATION

### B.E. Electronics And Communication Engineering

Sri Sivasubramaniya Nadar College of Engineering Chennai

GPA: 8.2 (4 semesters) 2017 - 2021

### High School: Computer Science; CBSE; Class XII

Chettinad Vidyashram

Chennai

94.2% 2015 - 2017

### CBSE; Class X

Chettinad Vidyashram

Chennai

8.8 CGPA 2013 - 2015

## ACHIEVEMENT AND PARTICIPATION

### Smart India Hackathon

Govt. of India

Winner, Software Edition 2019

### Make-a-thon

Sri Sivasubramaniya Nadar College of Engineering Chennai

### Hackerspace

Sri Sivasubramaniya Nadar College of Engineering Chennai

### Make-A-Thon

Select Month **Select Year** - Select Month **Select Year**

## PERSONAL SKILLS

Leadership	90%	Communication	80%
Self-motivation	100%	Decision Making	90%

## TECHNICAL SKILLS

Programming Languages - C, C++, Python, MATLAB, QBasic, DBase, HTML, SQL	80%	Programming for NodeMCU, Arduino, Raspberry Pi	80%
Cloud Platforms - Thingspeak, Adafruit, IFTTT	80%	Android App Development	70%

## LANGUAGES

English	◆◆◆◆◆	Tamil	◆◆◆◆◆
German	◆◆◆◆◆	Hindi	◆◆◆◆◆

## VOLUNTEERING AND RESPONSIBILITIES

### Transition Readiness Volunteer

Make A Difference

Teaching Physics to class 12 Students from Children's homes by developing a syllabus correlating to their needs

### Placement Coordinator

Select Month **Select Year**

SSN College of Engineering

### Dance Club President

Select Month **Select Year**

SSN College of Engineering

### Event head for Invente - College Tech Fest

SSN College of Engineering

### Organiser for Instincts - College Cultural Fest

SSN College of Engineering

### CSK 6.0

Feb 2020

Volunteer

### Organizer for eXLog - College Math Fest

SSN College of Engineering

### Member of the Dance Club, Music Club, Tech Club and NSS Club

SSN College of Engineering

### Part of MUN's, Science Expo, Youth Parliament, Math Club, Tamil Ilakiya Mandram, English Literacy Club, Music and Dance team

Chettinad Vidyashram

## CERTIFICATION

### Neural Network

PadhAI

### Machine learning A-Z Hands on Data Science in Python

Udemy

[Complete Python Bootcamp](#)

Udemy

[Introduction to Data Science in Python](#)

Coursera

[Deep learning A-Z Hands on Artificial Neural Networks](#)

Udemy

[Deep Learning and NLP](#)

Udemy

[Deep Learning Computer Vision](#)

Udemy

[Deep Learning with Tensorflow](#)

Udemy

## PROJECTS AND RESEARCH

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[Reducing Carbon footprint in IoT devices](#)

[2 stage Security System for households implemented using IoT](#)

[Smart Parking Management System for Malls and Corporates Using IoT](#)

[Path Navigation based on Pollution monitoring \(ongoing\)](#)

[Car theft control and LPR using Image processing and ML](#)

[Face Mask Detection](#)

[Flight Delay Prediction](#)

## COURSES AND WORKSHOPS

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[1. Kaizen Robotics workshop](#)

Jun 2019

Lema Labs

Basics of Robotics, ATMEGA16, Embedded C and Arduino Programming,

[Underwater robotics](#)

Jun 2018

Anna University

Fluid mechanics, Motor drivers.

[IoT for VANET Applications](#)

Apr 2019

SSN College of Engineering

Basics of Raspberry Pi and Python and its applications for VANET purposes

[Android Studio Workshop](#)

Sep 2019

SSN College of Engineering

Few small android apps using Android studio

[Python Programming, C Programming, Mathematics - I and II, Discrete Mathematics, Probability and Random Processes, Electronic Circuits I and II, Programming in C, Control System Engineering, Digital Electronics, Computer Architecture and Organization, Digital Signal Processing, Computer Networks,](#)

