



## INFORMATION

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<https://indusubramanian.github.io/Portfolio/>  
Head of the SSN Design Club

## TECHNICAL SKILLS

- Figma, Adobe XD
- HTML5, CSS and Sass
- Flutter
- Vanilla JavaScript
- MATLAB
- Python
- GitHub

## LINKS

-  <https://github.com/InduSubramanian>
-  <https://dribbble.com/HaJaeYi>
-  <https://www.behance.net/indus3>

## HOBBIES

- Photography
- Singing

## SOFT SKILLS

- Team Player
- Good communication skills
- Problem Solving skills
- Ability to work under pressure
- Can multitask
- Leadership Skills

## COURSES

- Google UXD course on coursera
- Deep Learning on NPTEL

# Indu Subramanian

Pursuing 4th year, Electronics and Communication Engineering @ SSN College of Engineering.  
A curious apprentice with an open mind to learn.

## EDUCATION

### SSN College of Engineering

2018-2022, ELECTRONICS AND COMMUNICATION ENGINEERING  
- Current GPA -- 9.36

### The Hindu Senior Secondary School, Indira Nagar

2016-2018, COMPUTER SCIENCE  
- School 2nd topper with a score of 96.2%  
- Participated in the Aerospace Competition, Bangalore (2017)

### Kendriya Vidyalaya, IIT Campus

2009-2015  
- Part of the School Choir and participated in regional level Dance, Group Song and throw ball competitions  
- 10 GPA in 10th std

## INTERNSHIP

### Research Intern, University of Alberta, Edmonton, Canada

UNDER DR. HOSSEIN ROUHANI, MAY-JUNE 2021  
- To generate an algorithm using MATLAB to find the knee angle from the data given by the Inertial Measurement Unit (IMU) Sensor

## PROJECTS

### Flutter Based Personal Projects

FLUTTER, FIREBASE  
- Meals App  
- Expense Planner App

### Speaker Identification using GMM

PYTHON  
- Built a speaker Identification model for 8 speakers from my class by extracting MFCC features and generating GMM Models for each speaker

### Smart weather monitoring system

RASPBERRY PI, MATLAB, THINGSPEAK CLOUD  
- Collected pressure and temperature data using sensors through Raspberry Pi which was visualised and analysed on the ThingSpeak cloud platform

### Text based Sentiment/Emotion Analysis

FLASK, PYTHON  
- Created a chatbot using Flask which uses the SVM model to recognise emotion from text and give appropriate reply

## COMPETITIONS AND AWARDS

### Best implementation award - E-Yantra Competition, IIT Bombay

FLUTTER, FIREBASE (MAY 2021)  
- Created a **CovidCare application** specifically targeted to help patients with mild-moderate infection under home quarantine

### Winner of the UXI Competition

FIGMA (FEBRUARY 2021)  
- Designed a Web Application for an Online Virtual Learning Platform

### Palette 2021

FIGMA (MAY 2021)  
- Designed an Android mobile app to help astrologers to interact through video conference