





# M BADRI NARAYANAN

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## EDUCATION

### SSN College of Engineering, Chennai

B.Tech. Information Technology

**Courses:** Discrete Mathematics, Data Structures & Algorithms

**Societies:** Coding Club

Jun 2018 – Jun 2022 (expected)

GPA: 8.60 / 10

### Vidya Mandir Senior Secondary School, Chennai

Grade 12

**Group:** Computer Science

Jun 2017 – Jun 2018

94.4 %

## SKILLS

**Programming Languages:** Python, C, C++, Java, R,  $\LaTeX$ , MASM, GNU Octave

**Web Development:** HTML5, CSS3, JavaScript

**Software & Tools:** Git, TensorFlow, Keras, PyTorch, scikit, NLTK, spaCy, OpenCV

## EXPERIENCE

### Solarillion Foundation

UG Research Assistant

→ Research on sign language translation.

**Advisor:** Mr. Vineeth Vijayaraghavan

2020 – present

Chennai, India

### Freelance Projects

Freelancer.com

→ Undertook projects via Freelancer.com.

[FreeLancer.com Profile](#)

2020 – present

Chennai, India

### Prodian Info Tech Pvt Ltd

Summer Intern

→ Applying unsupervised ML Algorithms to get the top 5 features that affect a cricket match.

**Advisor:** Mr. Vijay Karthik

Jun 2020 – Aug 2020

Chennai, India

### Appcilious Pvt Ltd

ML / AI Intern

→ Developed a chat bot using modern NLP techniques and architectures.

**Advisor:** Mr. Arpan Deb

Aug 2020 – Sep 2020

Bangalore, India

## SELECTED PROJECTS

### Clickbait Classification

Classifying clickbaits using modern NLP techniques and architecture.

 [Code](#) 2020

### Flight Delay Prediction

Developed a two stage machine learning model to predict if flights will be delayed upon arrival and if so, the delay in minutes based on the weather data at departure.

 [Code](#) 2020

### Machine Translator

English to French neural machine translator built using Transformer architecture in NLP.

 [Code](#) 2020

### Object Detection using YOLO V3

Detection of objects using YOLO V3 Algorithm on a custom dataset.

 [Code](#) 2020

## **AWARDS & HONOURS**

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- Stood school 3rd in Chemistry in 12th standard.
- Won the 2nd best project in Computer Science in 12th standard.

## **VOLUNTEERING & RESPONSIBILITIES**

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- Volunteering with Chennai Volunteers to teach spoken English classes for Tamil medium students.
- Captained the school cricket team.
- Represented the college cricket team.