

M BADRI NARAYANAN

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EDUCATION

SSN College of Engineering, Chennai

B.Tech. Information Technology

Jun 2018 – Jun 2022

GPA: 8.92 (Sem VI)

Courses: Probability, Statistics, Discrete Mathematics, Data Structures, Algorithms, ML, DL & AI

Roles: Head of the ML Division of PROCODE - official coding club of Department of IT, Class representative for all four years.

SKILLS

Programming Languages: Python, C, C++, Java, \LaTeX

Frameworks & Libraries: Git, AWS, TensorFlow, Keras, PyTorch, scikit-learn, NLTK, spaCy, OpenCV

Web Development: HTML5, CSS3, JavaScript

PUBLICATIONS

Sign Language Translation using Multi Context Transformer

 [Code](#)

M Badri Narayanan, Mahesh Bharadwaj K, Nithin G R, Dhiganth Rao Padamnoor, Vineeth Vijayaraghavan
Will be presented at 20th Mexican International Conference on Artificial Intelligence (MICAI), Mexico City, 2021

End-to-End Speech Recognition of Tamil Language

Mohamed Hashim Changrampadi, A Shahina, **M Badri Narayanan**, A Nayeemulla Khan
Under Review at Intelligent Automation & Soft Computing Journal, 2021

EXPERIENCE

Mad Street Den, Machine Learning Intern, Chennai, India

Mar 2021 – Present

- Part of a team which created an OCR engine to serve educational recommendations.
- Worked on XBlox, a clustering tool to catalogue items using Artificial Neural Networks.

Advisor: Mr. Manav Rajiv Moorthy & Mr. L Ramanathan

Solarillion Foundation, UG RA & TA (Part Time), Chennai, India

Feb 2020 – Present

- Lead the team which worked on Sign Language Translation.
- Evaluated assignments & projects, Guided students in Python, ML, DL & in research phase.
- Automated posting of office hours & polling in our inhouse bot, Revamped & reorganized the website.

Advisor: Mr. Vineeth Vijayaraghavan

Halceyon AI, Founder, Chennai, India

Oct 2020 – Present

- Founded **Halceyon AI**, a tech company that specializes in Natural Language Processing & Computer Vision.
- Undertook projects via <https://www.freelancer.com>

Proedian Info Tech Pvt Ltd, Summer Intern, Chennai, India

Jun 2020 – Aug 2020

- Applied unsupervised ML Algorithms to get the top features that affect a cricket match.

Advisor: Mr. Vijay Karthik

SELECTED PROJECTS

Brain Tumor Classification [Code](#) 2021

Predict the status of a genetic biomarker important for brain cancer treatment.

Clickbait Classification [Code](#) 2020

Classifying clickbaits using modern NLP techniques and architecture.

Object Detection Using YOLO v3 [Code](#) 2020

Detecting household items using YOLO v3 Algorithm.

AWARDS & HONOURS

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

VOLUNTEERING & RESPONSIBILITIES

- Volunteering with Chennai Volunteers to teach spoken English classes.
- Represented the college cricket team & was the logistics incharge.
- Part of the organizing team for SSN Trophy 2k19.
- Captained the school cricket team.