



NITHYA U

Student at Madras Institute of Technology

I am a computer enthusiast interested in learning new technologies and like to work in it. Passionate about implementing and launching new projects. Looking to start the career as an entry-level software engineer with a reputed firm driven by technology.



nithyaumapathi2000@gmail.com



9361110138



Chennai, India



linkedin.com/in/nithya-umapathi-b543001bb

SKILLS

C++

MYSQL

C

Java basics

Basics-
HTML, CSS, JavaScript, PHP
, Python

LANGUAGES

Tamil-Native or Bilingual
proficiency

Full Professional Proficiency

English-Professional Working
Proficiency

Full Professional Proficiency

INTERESTS

Database Management
System

Object Oriented
Programming

Data Structures and
Algorithms

EDUCATION

Bachelor of Engineering in Computer Science

Anna University(MIT Campus)

07/2019 - Present

8.13

HSC

Mount Park Matriculation Higher Secondary School - Kallakurichi

07/2015 - 04/2017

94.33%

SSLC

Mother Theresa Matriculation Higher Secondary School-Panruti

06/2014 - 05/2015

93.4%

ORGANIZATIONS

Volunteer in Youth Red Cross (07/2019 - Present)

PERSONAL PROJECTS

About Myself Webpage (06/2020 - 07/2020)

▫ HTML, CSS and JavaScript

Urban growth analysis of India using GDP and VIIRS Nighttime light data. Using Machine Learning different regression algorithms. (03/2022 - 06/2022)

▫ By using the NPP-VIIRS nighttime light (NTL) illumination levels data during the years 2017 to 2021 and mapping it with the GDP and population of the corresponding places; we can extract the areas of urban build-up and conduct prediction of the areas, which will contribute to GDP increase in the future ie. places that show higher urbanization. The project can contribute knowledge to city-level policy-making projects, urban planning, and the overall economic development of a city.

Land use land cover change detection and extraction of the urban areas. (04/2022 - 06/2022)

▫ Understanding the urban expansion and LULC process of Chennai is vital for guiding future urban management and sustainable development planning. LULC change, remote sensing, satellite images. Using the QGIS software.

CERTIFICATES

Certificate of Completion on My English Friend (02/2022 - 07/2022)

Cisco Packet Tracer for Beginner Level (07/2021)

Won First Prize in Dump charades at the Department Symposium (04/2020)