



Name: SAINITHIN ARTHAM

LinkedIn [Link](#)

GitHub [Link](#)

+91 9494017463

Email: sai.artham.19cse@bmu.edu.in

EDUCATION

BML MUNJAL UNIVERSITY | Gurgaon, India

BACHELOR'S IN COMPUTER SCIENCE AND ENGINEERING

2019 - 2023(expected) | 6.67:

MINOR IN COMPUTATIONAL MATHEMATICS
2021-2023(expected)

UNIVERSITY OF WARWICK | London, UK

Summer School in

Game Theory and Comparative strategy

2022 July – Aug

COURSE WORK

UNDERGRADUATE

ARTIFICIAL INTELLIGENCE

MACHINE LEARNING

DEEP LEARNING

BIG DATA

MATHEMATICAL MODELING (Infectious disease)

IOT

COMPUTER ARCHITECTURE

COMPUTER NETWORKS

SKILLS

Programming

Java, C, C++, Python, Java Script, SQL

Technologies

Mobile Application Development, Web

Application Development, Cloud

Software's

MATLAB, Cisco Web packet tracer

INTEREST/HOBBIES

- Space Exploration
- International Relations

EXPERIENCE

BML MUNJAL UNIVERSITY | RESEARCH ASSISTANT | PYTHON, ANALYSIS OF PEPTIDE SEQUENCES

2021 | Remote

- Built Decision trees for classification of peptides based on 2700 attributes
- Helped with various Analysis like feature extraction, building various plots.

PROJECTS

Time Series based Wikipedia Traffic prediction to aid

Caching algorithms | **Deep Learning**

January 2022 – May 2022

- We attempt to improve the performance of classical caching algorithms like LRU on Wikipedia traffic by predicting the future request arrival probability for a wiki page, by converting it into a binary prediction task.

LSTM Model for Predicting

the Stability of a Smart Grid | **Big Data**

January 2022 – May 2022

- A smart grid with intelligent systems is being deployed to cater the dynamic power requirements. A novel LSTM model is proposed to predict the stability of smart grid.
- Achieved 99.9% in predicting the stability

Whether Monitoring System | **IOT**

August 2021- December 2021

- Used Node MCU, temperature and moisture sensor for recording and sending data to dashboard
- Built Dashboard for monitoring and visualizing the data in real-time
- Ajax calls are made for communication between Node MCU Server and Dashboard for real time data

Todoister | **Mobile Application Dev**

August 2021- December 2021

- Built an end-to-end mobile app for managing daily tasks and bookmarks storing.
- Android technologies used – Room Database, Recycler and Navigation views and Firebase Authentication.

ACHIEVEMENTS (would be good to highlight rank of coding in this section)

Mar, 2022

3rd place

JOY OF CODE held in university

Sep 2020

C Skill Assessment

Hacker rank

