Sasiram Anupoju

Machine Learning Engineer
Software engineer
Front-end developer

Contact

Phone
(312) - 776 - 5401

Email
sanupoju@hawk.iit.edu

Address
Chicago, IL, 60616

Website
www.sasiram,xyz

Skills

Programming
C, C++, Java, Python.

Web Development
HTML, CSS, Java Script.

AWS
S3 Buckets, EMR Cluster, Map Reduce, HIVE, Hadoop.

Databases
MySQL.

Machine Learning
Linear Regression, Logistic Regression, Naive Bayes, Decision Trees, Random Forest, KNN, ANN, CNN, RNN, LSTM.

Android App Development
XML, Java.

Certification

LinkedIn Certification

- Building an android app with architecture components.
- MySQL Essential Training.
- Using Python for Automation.
- Java Essential Training.
- Web Development Foundations: Web Technologies.

Hackerrank Certification

- Problem Solving (Intermediate).

Sophisticated Machine Learning Engineer with background in independent research using intuitive, web-based architecture. Skilled in ML models with documented history of discovering methods to intelligently use data to enhance user experience. Effectively researches techniques for novel approaches to problems, develops prototypes to assess viability of approach and deploys application into production yielding insights to expand customer-consciousness.

Experience (1 year)

Reliance JIO | Bangalore, India. Jan 2022 - Jul 2022

Graduate Engineer Trainee

- Prototyped machine learning applications and quickly determined application viability.
- Created customized applications to make critical predictions, automate reasoning and decisions and calculate optimization algorithms.
- Transformed raw data to conform to assumptions of machine learning algorithm.
- Implemented Naive Bayes classification algorithm to classify the spam, promotional and regular messages in mobile.
- Lead a team of 5 while implementing this project.
- Achieved an accuracy of 95%.

ExpertsHub | Hyderabad, India. Aug 2019 - Dec 2019

Machine Learning Intern

- Examined cutting-edge technology to aid machine learning applications.
- Implemented and evaluated artificial intelligence and machine learning algorithms and neural networks for diverse industries.
- Lead a group of six people under my direction.
- Designed an ANN model to measure the brain's stress levels.
- Data gathered from motor neurons utilizing AgCl electrodes attached between 21 places in the skull where brain signals are retrieved.
- Won the best intern award for this internship.

Education

Masters in Computer Science Aug 2021 - Dec 2022
Illinois Institute of Technology, Chicago, Illinois. GPA: 3.714

Bachelor of Technology in Computer Science and Engineering Jul 2017 - Jul 2021
National Institute of Technology, Durgapur, India. GPA: 3.714

Projects

Boolean Operations of polygons (Considering even holes).

- Performed boolean operations on n sided polygons including holes. Built and deployed the code using Java (eclipse IDE).
- This project is used to find the area of required locations in the maps.

Air pollution prediction using LSTM in RNN.

- Developed an LSTM model to predict air pollution for the upcoming 30 days.
- The model uses data that has been gathered over the last five years in the college region.

Automation of switches using Arduino UNO and relay board

- This project makes it possible to link our switches to phones and communicate with them using Bluetooth.
- The relay board is linked to switches that are connected to the Arduino UNO, which in turn gets signals from the bluetooth module that is further connected to our smartphone.