

Sam Nijin S

Innovative Thinker, Leadership, Mentor, Firefighter

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EXPERIENCE

iNeuron.ai, Bengaluru – Data Analytics Intern

MARCH 2023 - JUNE 2023 (4 MONTHS)

- Wrangled and preprocessed amazon sales real time dataset to visualize the data with Power BI
- Actively presented the descriptive analysis and the diagnostic analysis to the stakeholders with the visualizations as required to understand the data

Devtown, Bangalore – Data Scientist Intern

JANUARY 2023 - May 2023 (5 MONTHS)

- Completed a project by doing data analysis and visualization on the walmart data from kaggle
- Developed an analysis project on google play store on 2018 data from the playstore
- Executed the IMDB dataset analysis and visualization by using the MySQL queries

EDUCATION

Mar Ephraem College of Engineering and Technology, Elavuvilai – BE Computer Science

AUGUST 2020 - PRESENT

- Member of IET and participated in presentations
- Member of ISTE actively participated in events
- Member of IEEE (membership ID – 98404227)
- Presented a paper on cattle abnormality detection using IoT and got qualified for IET PATW.

Oxford Matric and Higher Secondary School, Tholayavattam – Maths-Bio HSC

JUNE 2018 - MAY 2020

- Active student in both academics and sports
- Secured prizes for javelin throw, discus throw

Bethlehem Matric and Higher Secondary School, Karungal — SSLC

JUNE 2016 - MAY 2018

- Organized volleyball player secured #2 prize in the tournament conducted on behalf of sports day
- Lead the team in zonal level volleyball tournament

PROJECTS

SILANG – A deep learning project that interprets the sign language into speech language and vice versa

- The idea was accepted by the NewGen IEDC of Mar Ephraem and received fund to develop and implement project
- Created an image classification application to classify the hand gestures of Indian sign language and to interpret it into speech language
- This application is implemented on the raspberry pi 4 which can classify the hand gestures with the camera attached with the micro-controller

Covid-19 Pneumonia Diagnosis From Lung X-Rays – Transfer Learning and ensemble learning approaches.

- Trained three different models using the transfer learning technique
- Improved the accuracy by using the upvoting technique over ensembling
- Used Covidx-CXR3 dataset from kaggle
- Deployed the model and made UI with both mobile application and web application using flutter and django.

SKILLS

- Computer Vision.
- Story Telling.
- Analytical thinking.
- Highly interactive person.
- Presentation skills.

AWARDS

Received award for ISTE Paper Presentation on Technology Development in Agriculture

Received award for Rank in university exams at Mar Ephraem College of Engineering and Technology

LANGUAGES

English, Tamil, Malayalam