Email: [harichandanamone@gmail.com](mailto:harichandanamone@gmail.com)

Linkedin Profile :https://www.linkedin.com/in/harichandana-mone-842a6a140/

**ACADEMIC BACKGROUND**

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| --- | --- | --- | --- |
| Program | Institution | %/CGPA | Year Of Completion |
| UnderGraduation  B.Tech in CSE | Indian Institution of Information Technology Design and Manufacturing, Kurnool | 8.72/10 | 2019 |
| Intermediate (XII) | Narayana Junior College,Kurnool | 98.2% | 2015 |
| SSC(X) | Keshava Reddy English Medium High School, Kurnool | 9.7/10 | 2013 |

**PROFESSIONAL EXPERIENCE**

* Engineer at GAVS Technologies June 2019-August 2020

I worked as a backend engineer developing projects using spring boot applications.Developed API’s and added features to the existing mail scheduler and also completely restructured and redesigned the mail scheduler utility for the HDFC client which fetches the data from the Solr and send the insights through the mail as per configured .

* Intern at Galvanize Test prep (Chennai)

Automatic Essay Grading of AWA Essays Feb 2019-April 2019

 Elmo state of art model was used to obtain vectors for the training and testing essays.The algorithms were specific for a topic .The first approach was a naive one and the second approach includes calculating content relevance score for each essay and then the content scores and other grammatical features were fed to the sequential Neural Network and the score is obtained. The MSE for the second approach yielded better results.

* Mate labs(Bangalore) July 2018 – October 2018

Worked as a backend developer for a machine learning platform where users are allowed to train,deploy and build machine learning models.Tools:Flask,Flask App Builder,AWS. My main contribution was outlier detection and missing value treatment.

* Biodesign Innovation Labs ltd. (Bangalore) May 2018 – July 2018

Clinical trial Platform A clinical trial platform for pneumonia patients .The application contains details,diagnosis and observations form and as well the visualization part built using chart js library. Languages:html,css,js,jquery,ajax,php,chartjs library.

* IIIT Hyderabad (Hyderabad) May 2017 - June 2017

First Project : Developed a website for farm registration which comprises registration forms for farmer ,farm and crop .The languages used are HTML, CSS, JavaScript, bootstrap, PHP and MYSQL . Motto was to build a user friendly website.

Second Project :  Developed an application for DR.B.R. Ambedkar Open University. An application to generate PDF for all the years .As well as consolidated memos for students using FPDF library. Motto was to automate the things as much as possible.

**ACADEMIC PROJECTS**

* Hepatitis Disease Detection using data mining Feb 2018 - April 2018

Hepatitis disease diagnosis using data mining classification algorithms such as decision tree, k -nearest neighbour etc. Motto is to propose an algorithm that includes feature selection and produces the best possible diagnosis to the existing problem.

* Titanic Dataset

The tools of machine learning to predict which passengers survived the tragedy using python built in libraries such as numpy and pandas. The tool used is sklearn.The best accuracy was achieved by using the SVM Model.

* Medi app Apr 2017 - Apr 2017

Developed an application using XAMPP on windows OS where the doctor has access to the information about the patient and as well patient can make an appointment.Lang: PHP, MYSQL, HTML, CSS and JavaScript.

**TECHNICAL BACKGROUND**

* C, Java,Python,JavaScript,Typescript, PHP.
* HTML, CSS, BootStrap, Ajax and Jquery
* MYSQL,shell scripting,Linux commands.
* Frameworks:Angular,Spring boot and Flask.
* Version Control:Git
* Data structures,Machine learning algorithms, and worked with numpy,pandas and scikit libraries.

**RELATED COURSEWORK**

Data Mining, Design and Analysis of Algorithms, Operating Systems, Database Systems, Machine Learning, Programming Data Structures, Computational Engineering, Compiler Design, Computer Networking, Artificial Intelligence.

**EXTRA-CURRICULAR ACTIVITIES**

* I attended sense-fill workshops and seminars on various subjects in the Computer Science field from the guest lecturers.
* I participated in coding contests and I solve challenges in hackerrank and hackerearth.
* Completed courses on MYSQL,python, command line and HTML courses in code academy as well as courses in NPTEL platform.
* I participated in  music and dance competitions during  the annual college fest named SAMGATHA and played for carroms and badminton  in the intra college competitions .