Theramreddy Dasavanth Reddy

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EDUCATION

Vellore Institute of Technology, Vellore, India *June 2018 - June 2022*
Bachelor of Engineering – **Computer Science and Engineering**
Cumulative Grade Point Average : **8.01**

Sri Chaitanya Junior College, Vijayawada, India *May 2016 - April 2018*
Board of Intermediate Education [**BIE**]
Cumulative Grade Point Average : **9.54**

Dr.K.K.K.R Gowtham, Gudivada, India *July 2015 - May 2016*
Cumulative Grade Point Average : **9.2**

SKILLS & INTERESTS

Programming skills : Java, Sql, JavaFX, Python, Matlab
Technical skills : Statistics, Analytics, Data Processing and Visualization, Big Data Hadoop, Quantitative analysis
Web technologies : Java Script, Html, CSS
Softwares : IntelliJ IDEA, Data Spell, MS Office Tools

PUBLICATIONS

Dr. Sanjiban Sekhar Roy, Theramreddy Dasavanth Reddy *"**A novel approach to detect fake news using LSTM, Bidirectional LSTM, and GRU method**" is communicated with Data & Knowledge Engineering-* ***Elsevier.***

PROJECTS

Natural Language Processing *August 2020 – November 2020*
Chat-Bot for Cyber Security Industry

- It is a tool that links users to the first step of getting in touch with customer service.
- Its interface was developed by using **TensorFlow and Keras.**
- The responses are accurately processed by **NLP** and **Neural Networks.**
- Methods such as **tokenization, stemming, lemmatization** and **fit** were used in this project.

Web Application *December 2020 – March 2021*
VORPAL [Created as a Strat-Up Management Project]
VORPAL is a gaming distributor platform that facilitates digital rights management (DRM), server hosting, video streaming, and social networking services. It also provides the user with installation and automatic updating of games, and community features such as friends lists and groups, cloud storage, and in-game voice and chat functionality.

- The interface is developed by **Node JS, CSS, HTML** and **Sql** for Data base management.
- VORPAL's primary service is to allow its users to download games and other software that they have in their virtual software libraries to their local computers as game cache files **(GCFs)**.

Machine Learning *December 2021 – June 2022*

Detecting fake news using LSTM, Bidirectional LSTM, and GRU method

Using a variety of deep learning models to accurately detect **hate speech** from **twitter**.

- Utilising the **tweepy** libraries from the official twitter platform to collect **real-time** data.
- Methods such as **corpus** and **neural networks** were used in this project.

Mobile Application *August 2020 – December 2020*

Smart Grocery Application

- Created an application that allows the user to access nearby stores like **super markets** and purchase the items by comparing prices from various places. Users of this app will have a **seamless, straightforward,** and **user-friendly experience**.
- All products from each category will be shown in their own areas of the app, and a search function will be available to help customers quickly locate what they're looking for.
- The application is developed and tested in **android studio** and programing languages such as **java**.

Credit Card Fraud Visualization *July 2021- November 2021*

We applied **Supervised Machine Learning Algorithms** to visually represent credit card fraud in this data analysis and compared them to determine whether it was more accurate.

Information Security Analysis and Audit *July 2020- November 2020*

Email encryption using Blowfish algorithm.

Since emails have become a standard mode of communication. This project focuses on email encryption using the ***Blowfish algorithm***. It's in place to assure safe data transmission between sender and receiver.

CERTIFICATIONS

Certified For Self-Driving Course on behalf of **University of Toronto** and **Coursera**. *May 2021*

Link : https://coursera.org/share/7fd42caa63954089ae2252f6c7632ccb

EXTRACURRICULAR ACTIVITIES

Research assistant under **Dr. Sanjabin Sekhar Roy** during final semester. *Jan 2022 – June 2022*

Enrolled in **Sports for Healthy Life** at the end of second semester. *Nov 2018 – March 2019*

Participation Certificate in the event called ***MATHATHON*** conducted in VIT during my time over at the university. *Sept 2018*

*Pursuing a Masters in Computer Science has always been a dream of mine, and I've spent my whole life laying the groundwork to make it a reality. As someone who thinks that "**hard work never fails**," I'm proud to share that it is true in my case. I am also highly punctual and a quick learner. I hope I've adequately represented myself and my qualities.*

- ***I solemnly declare that the information in this resume is true to the best of my knowledge and belief.***