SUKESH REDDY RONDLA
Data Analyst | Machine Learning Engineer | Software Developer

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EDUCATION

- *Master's Degree in Computer Science – Western Illinois University* [Jan 2022 to May 2023]   **3.8/4.0 GPA**

- *Bachelor's Degree in Computer Science & Engineering - ACE Engineering College, JNTUH, Hyderabad, India* [Aug 2016 - Sept 2020]   **3.2/4.0 GPA**

SKILLS

Programming Languages	: Python, R, Go, Java, Rust, C++
Web Technologies	: HTML5, CSS, PHP, JavaScript, TypeScript
Machine Learning Frameworks	: PyTorch, PyTorch Lightning, TensorFlow, Keras, Scikit-learn, NLTK, OpenCV
Database Technologies	: SQL, MySQL, MongoDB
Operating Systems	: Linux, macOS, Windows, iOS, Android
Software	: Visual Studio, GIT, PowerBI, Tableau, SAS, WEKA, MS Office, Adobe Illustrator, JIRA

WORK EXPERIENCE

Data Analyst, Vamstar   **Nov 2020 - May 2021**

- In collaboration with the Data Collection team enhanced the data source discovery algorithm, which reduced time to map data sources by 30% and improved the efficiency of the data source mapping team by 50%.
- Extracted and gathered thousands of rows of data about the products for analysis, helping to uncover crucial information about the healthcare market.

Software Engineer Intern, BareLogic Solutions   **Jan 2020 - Mar 2020**

- Developed IOS mobile applications using open-source frameworks and client-developed products. Additionally, I worked on some customized plugins and frameworks.
- As an intern, I worked with the full-timers to enhance the user experience and gather feedback from users and resolve them.

Market Research Intern, Housing.com   **Apr 2019 - Jul 2019**

- Collected, reviewed, and evaluated data results in order to produce statistical analysis and trend reports, and managed requested data for research purposes.
- Participated in brainstorming sessions with the team to create and use techniques for estimating and predicting results.

Research Intern, IIIT Hyderabad, Language Technologies Research Center (LTRC)   **May 2019 - Aug 2019**

- Worked in a team consisting of 4 members at Language Technologies Research Center (LTRC), IIIT Hyderabad to assist the research on "Text Segmentation with Parallel Computing using Natural Language Processing".
- Also, worked on OpenCV for Micro focused Security Camera detection.

TECHNICAL PROJECTS

Detection of Cyberbullying on Social Networks, was developed in association with Cisco India.

- Using the Logistic Regression and Bagging Ensemble Model developed a classifier to detect cyberbullying and notify the authorities to deal with cyberbullies.
- Additionally, the project has been upgraded to automatically detect bullying data by web scraping the websites and adding it to the machine learning pipeline.

Choosing a business location for the Startup, Developed model as Part of a Startup team Stooz

- Created a machine learning model using linear regression to forecast the capacity of the business in the targeted urban area using various data.
- Using these techniques, we reduced the cost of targeted marketing and customer analysis by 70%.

Elimination of Duplicate Postings in the Rental Housing Feed, Developed during an internship with Housing.com

- The duplicate postings were previously fixed by a manual team. To address this issue, we developed data normalization and standardization machine learning models that were used to detect duplication.
- Also, I worked on the Automation of data extraction.

Real-time Convolutional Neural Networks for Emotion and Gender Classification

- Using Residual modules, depth-wise separable convolutions and real-time guided backpropagation accomplished the tasks of face detection, gender classification, and emotion classification simultaneously in one blended step using our proposed CNN architecture.

e-Library Management System

- Developed an Android application integrated with Distance Sensors and Arduino for library management services which increased utility & efficiency by 50%.

ACHIEVEMENTS & CERTIFICATIONS

- Secured **IBM Data Science Professional Certificate.**
- Certified as a **Microsoft Technology Associate** for **Introduction to Programming using Python**.
- Completed **Data Science and Algorithm Certification** in Smart Interviews.
- Secured **Elite Certificate** for **Introduction to Python Programming** offered by **IIT Madras** and **NPTEL**
- Volunteer at **Teach for Change** taught English to 3rd standard underprivileged government school students.
- Participated in the **Six Different National Model United Nations Conferences** and represented nations on my behalf across top reputed Universities in India.
- Associate Member at **Computer Society of India.**