RAGHAVA SAI KOWLASKER
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Motivated Management Information System graduate from University of Nebraska with a year experience in Application Development and Graduate Assistant at Information systems & quantitative analysis and seeking to use proven skills in Agile methodology, Data Driven Development , Python, Django, Oracle SQL, Scikit-Learn and Jupyter Notebook.

University of Nebraska, Omaha   **Expected Dec 2022**
Master of Science in Management Information System   GPA: 3.81/4.0
Coursework: IT infrastructure & Cloud (AWS), Information Quality Management (MS Excel),
Data Management (Oracle SQL), Managing Software Development (Python, Django),
Business Intelligence (Tableau).

KLE Technological University, India   **Aug 2015 - Jun 2019**
Bachelor of Engineering in Computer Science   GPA: 3.5/4.0
Coursework: Python, Database Management, Algorithmic Problem Solving, Analytical skills,
 Machine Learning, Web Technology, Computer Networks, Software Engineering.

TECHNICAL SKILLS
Languages: Python, Java, C, R program   **Web Technologies**:HTML5, Angular2, Bootstrap, Django
Databases: MySQL, Oracle SQL, Hadoop   **IDE**: PyCharm, Eclipse
Functional Skills: Agile & SCRUM Methodology,
Salesforce CRM, API's.

PROFESSIONAL EXPERIENCE
Graduate Assistant- IS&T at UNOmaha   **Aug 2021- Present**
- Working on Augur Labs, it is part of a large ecosystem of metrics development and visualization under the Linus Foundation's CHAOSS Project. (Git, Jupyter Notebooks, API's) https://www.augurlabs.io/
- Working on providing counterfactual explanations to AI banking application. I implemented the random forest and decision tree model, user interface and designed user studies to investigate the user trust and understanding of the system. (Machine Learning)

Ruchi Web Solutions – Associate Application Developer   **Aug 2019-Dec 2020**
- Identified the relevant functional and technical requirements, participated in scrum meetings to understand end to end business requirements. (SRS)
- Developed UI for the application using Html5, Bootstrap and performing unit testing.
- Wrote Oracle SQL queries, performed CRUD operations and prepared build form for database.

Sathvik Soft Tech Intern   **May 2019- Aug 2019**
- Trained on the working of Network switch, LAN and VLAN to establish communication between devices.
- Learned efficient transfer of files (HTML/doc) between multiple computers using HTTP and FTP protocols and allocation of IPs to new devices in a network.

ACADEMIC PROJECTS
Advancement in Stegano-Analysis (Python, Bootstrap, Jupyter notebook)   **Jan 2019- May 2019**
- Using LSB and Mist Filter Algorithm as base built a Steganography model by generating a key through encryption & decryption method to hide the data while communicating with clients.
- Implemented Neural Networks model and the encrypted data could be of any format such as an image, text, voice, or video. By using this application, the clients are more secured from vulnerable activities.

Drought Estimation and Forecasting (Python, Django, Jupyter notebook)   **Jan 2018- May 2018**
- Initiated estimation using SPI and PDSi models and filtered the output Support Vector Machine, ANN, Naive Bayes, Random Forest and achieved an accuracy of 87%.
- Predicted the drought severity through index scale, coded in Python using Pandas, NumPy.

Product Recommendation System (Python, Angular2, Flask Server)   **Aug 2017- Dec 2017**
- Built a small-scale E-commerce website (10 categories and 40+ products) and used KNN-algorithm to filter the customers recommendations based on their previous activities.
- Coded in Python and developed a website from scratch using Angular2 and Flask server.