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RAHUL POTHIREDDY

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EDUCATION:

DeKalb, IL, U.S.A

Northern Illinois University

Aug 2017-Present

Masters of Science in Computer Science.

GPA : 3.76/4.0

SPECIALIZATION IN DATABASE SYSTEMS AND SOFTWARE ENGINEERING.

India

VNRVJIET

Aug 2013 – May 2017

Bachelors of Computer Science and Engineering.

GPA: 3.68/4.0

EMPLOYMENT:

Currently working as a **Graduate Research Assistant** under Prof. Y.Kim at NIU

Aug 2018-Present

- Research in the field of AI, Machine Learning, Big Data.
- Developed four android applications (games) with vision of making them to interact with children where a Robot acts as a mediator.

Worked as a **Customer Support Specialist** in Dept. of Information Technology.(NIU)

Jan2018-May2018

- Handling software and hardware issues.
- Assisting students in installation of new software.
- Troubleshooting computers, printers.

Worked in **TATA CONSULTANCY SERVICES** on the project 'VOLTE', based on networking.

Jan2017-Apr2017

- Implemented the call flow of messages between end users via mobile terminal.

Member of internship program at **ALLTRONICS Pvt. Ltd** and performed well as Data Analyst.

Aug 2016-Nov 2016

- Collected data of the of all the patients and the medicines that they use from different pharmacies.
- Using different visualization tools, analyzed the data and outperformed with the statistics predicting which medicines are to be brought in more quantity and which one can be stopped from importing, thereby increasing the revenue of the pharmacy.

PROJECTS:

PREDICTING RESEARCH THAT WILL BE CITED IN POLICY DOCUMENTS

JAN 2018-APR 2018

- Implemented regression and classification algorithms to predict and analyze the research work of various researchers and scholars to be cited in the policy documents.

ANALYSIS OF A HOUSING DATASET TO DETERMINE THE BEST PLACE TO BUY A HOUSE

DEC 2017 – JAN 2018

- Analysis performed on a housing dataset to determine the best place and price to buy a house by taking various factors into consideration using python.
- Plotting, data cleaning, correlation and regression and various statistical techniques are performed.

HOME TERMINATION PROCEDURES-BASED ON LTE

JAN 2017 – APR 2017

- Establishing a network between user equipment and main terminal and implementing the mobile termination procedures.
- It also helps in improving the quality of voice calls by transferring data in packets.

NATCURE- AN ANDROID APPLICATION FOR TREATING DISEASES NATURALLY.

SEP 2016 – DEC 2016

- Developed an android application which determines the natural types of remedies to cure diseases.

CERTIFICATIONS

- Oracle's Workforce Development Program – Web Component Development with Servlets and JSPs Java EE6.
- Microsoft certified- Implementing Big Data Solutions.

CORE SKILLS

- **Programming:** C, C++, DS, Android Studio, C# .Net, Java, JavaScript, Angular JS, HTML5, CSS, R Programming.
- **Technologies:** Servlets, JDBC, Data Analytics.
- **Operating Systems:** Windows, UNIX.
- **IDE:** Eclipse, Net Beans, Microsoft Visual Studio, Pycharm, Jupyter.
- **Tools:** Rational Rose(UML), R Studio, Weka 3.0, Tableau.

