HARSHITH DESAMSETTI

Email: dharshith1996@gmail.com   **Phone:** +1(312)-536-5336

https://www.linkedin.com/in/harshith-desamsetti-3b9220156

EDUCATION

Northern Illinois University, DeKalb, Illinois   **Master of Science, Computer Science   GPA: 4/4**

Specialization in Databases and Software Engineering

Course Work: *Fall 2017* Object Oriented Design and Programming (CSCI 689), Introduction to Software Engineering (CS466/567), Databases (CS466/566), *Spring 2018* Android Mobile Device Programming (CSCI 522), Systems Design and Analysis (CSCI 663), Introduction to Database Concepts(CSCI 688)

Koneru Lakshmaiah University, Guntur, India

Bachelor of Technology, Computer Science, May 2017   Aggregate: 7.96 CGPA

Specialization in Knowledge Engineering

SKILLS

Programming Languages: C++, Python, Java, R, C

Database: MYSQL

Scripting Languages: PHP, JavaScript

Other: HTML, CSS, MATLAB, Adobe Photoshop

EMPLOYMENT

Graduate Teaching Assistant:

Northern Illinois University, DeKalb, Illinois (January 2018 to Present)

- The duties involve assisting the Professor to teach the course Introduction to C++ to the Undergraduate students at Northern Illinois University. Also helping the students in their assignments by explaining them the concepts deeply.
- Other duties are assisting the professor for grading the quizzes and assignments submitted by the students.

Software Developer Intern:

PAJ World Software Solutions, Hyderabad, India (July 2016 to November 2016)

- Interned with the PHP team in the project In Depth Analysis and Design of Hostel Management System where I had to develop a software for a dormitory system at Hyderabad by working with three other. We had to gather, analyse the requirements and model as well as design the system which consisted exact and concise features the dormitory systems needed to make their work easier and organized.

Web Development Intern:

South Central Railways, Vijayawada, India (May 2015 to July 2015)

- Interned with the Government South Central Railway office in developing web pages for interactive as well as responsive information regarding the Government Railway Department.

PROJECTS

Modelling Air Pollution Data using Classification Algorithms

Koneru Lakshmaiah University, Guntur, India

- Visualizing and analysing Air pollution data by using WEKA tool as well as comparing Classification algorithms.
- By observing the accuracy and efficiency of the algorithms, due to several other parameters such as cross validation, J48 decision tree algorithm is found to be much more efficient than Naïve Bayes.

In Depth Analysis and Design of Hostel Management System

Koneru Lakshmaiah University, Guntur, India

- Designed and Implemented a Dorm Management system by gathering and analysing the requirements.

ACADEMIC ACHIEVEMENTS

- Published International Journal on Security Increasing in Cloud based Systems.
- Published International Journal on Issues in Cloud Computing.
- Publishing under process for a SCOPUS Indexed journal on Classification algorithms performance comparisons.

CERTIFICATIONS

- Programming A-Z: R for Data Science with Real Exercises.
- PHP and Big Data Certificate courses.

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