SMIRTHI MEENAKSHISUNDARAM

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SUMMARY

I am a Master's student in UNC-Charlotte from the computer Science Department with dual concentration in Data Science and Software . I am an AWS certified Developer Associate. Looking for Software Engineer or Data Analyst roles. Available to work from 18th May 2021

EDUCATION

University of North Carolina at Charlotte   Aug. 2019 - May 2021
MS Computer Science 2021
GPA 3.8/4

St Joseph's College of Engineering   Aug. 2015 - Apr. 2019
BE Electronics and Communication 2019

EMPLOYMENT

University of North Carolina at Charlotte, *Graduate Teaching Assistant*   Jan. 2021 - May 2021
Started as a Teaching Assistant for the class of Algorithm and Data Structure under Dr. Qiong Cheng where the competent performance extended my responsibilities to Teaching Assistance for another class, Parallel and DistributedComputing.
• Solved all the quizzes and assignments to prepare an answer key for evaluation
• Graded student work including assignments, homework, project reports and project presentations.

Cuion Technologies Private Limited, *Software Engineer Intern*, Bengaluru, India   Apr. 2018 - Aug. 2019
Design and Implementing Model View Controller (MVC) architecture using App Development Framework
Developed end to end Applications as per client's requirement
Developed SQL script and wrote queries to access and process the data from the database
Provided maintenance for client by triaging and fixing the bugs
Technologies used: Atom, JavaScript, MySQL, Node.JS, MVC Framework

SKILLS

LANGUAGES: C, C++, Java, .Net,JavaScript, Python,R, HTML5
DATABASE: SQL, NoSQL,MongoDB,Redis
FRAMEWORKS AND TECHNOLOGIES: AWS, Flask, REACT, Spring,HTML, CSS,CDI, Hadoop
TOOLS AND SOFTWARE'S:
Tableau, PowerBI, Hive, Docker,NodeJS, Visual Studio, Atom, MySQL Workbench, MATLAB,R studio, Jupyter Notebook
OS: Windows Server, Windows, Linux
WEB SERVICES: REST, SOAP

PROJECTS

1. Film Fare Awards Listing Application
The aim of this project was to get well versed with HTML and CSS for creating front end.
Familiarize with the non-relational Database mongo DB to store and retrieve data
Writing JavaScript code to create the Application in Atom.

2. Game Search Engine
Using MySQL to store and retrieve data
Writing SQL queries, triggers, joints and Stored Procedures
Aim of the project is to familiarize with python Flask

3. Threads and Effects on Computation Speed
To parallelize serial code with MPI, OpenMP, Cuda and posix Threads
To analyze how usage of threads can give accurate and faster results

4. Kickstarter Data Analysis & Visualization using R
Using Machine Learning models to predict the probability of successful projects
Visualization with libraries like ggplot2 in R

5. Analysis of Udemy courses
Taking a dataset with the details of udemy courses from various fields from kaggle
creating various tasks to get intuitive finding
Visualizing the data in tableau and get insights from the data

Accomplishment & Certification
AWS Certified Developer Associate   (validity Jan 2021 to Jan 2024)
Got 2nd prize in the interdepartment Technical Quiz competition.
Got 2nd prize in the hackathon (coding Challenge: Algorithms and Approaches)

Course Work
Algorithms and Data structures   Cloud Computing   Parallel Computing   Visual Analytics
Knowledge Discovery DB   Intelligent Systems   Database systems   Software System Design
Network Based Application Development   Survey of Programming Language