

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 23rd 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 Distributed Computing.

- 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

Tools and Softwares: Atom, JavaScript, MySQL, Node.JS, MVC Framework

SKILLS

LANGUAGES: C, C++, Java, .Net, JavaScript, Python, R, HTML5

DATABASE: SQL, NoSQL, MongoDB, Redis

FRAMEWORKS AND SOFTWARES: 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 Udemey courses

Taking a dataset with the details of udemey 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