SMIRTHI MEENAKSHISUNDARAM

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EDUCATION

University of North Carolina at Charlotte   Aug. 2019 - Current
MS Computer Science 2021
GPA 3.7/4

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

EMPLOYMENT

Cuion Technologies Private Limited, *Software Engineer*,   Apr. 2018 - Aug. 2019
Bengaluru, India
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, JavaScript, Python,R, HTML5, Node.js
DATABASE: SQL, MongoDB
FRAMEWORKS AND TECHNOLOGIES: AWS, Flask, HTML, CSS
TOOLS AND SOFTWARE'S:
Tableau,Eclipse IDE, Visual Studio, Atom, MySQL Workbench, IntelliJ IDE, MATLAB,R studio
OS: Windows Server, Windows, Linux
ANALYTICAL TOOLS: MS Excel, Power point, Tableau

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. Object Detection for Blind
Aim of this application was to familiarize with Tensor Flow and OpenCV
Write python code to detect objects kept in front of web cam
 Give a voice output to help blind people recognize objects in surrounding

Accomplishments
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