

# SMIRTHI MEENAKSHISUNDARAM

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## SUMMARY

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

## EDUCATION

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### University of North Carolina at Charlotte

Aug. 2019 - May 2021

MS Computer Science 2021

GPA 3.7/4

### St Joseph's College of Engineering

Aug. 2015 - Apr. 2019

BE Electronics and Communication 2019

## EMPLOYMENT

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### Cuion Technologies Private Limited, *Software Engineer*, 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

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**LANGUAGES:** C, C++, Java, 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,Hive, Docker,NodeJS, Visual Studio, Atom, MySQL Workbench, MATLAB,R studio, Jupyter Notebook

**OS:** Windows Server, Windows, Linux

**WEB SERVICES:** REST, SOAP

## PROJECTS

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### 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

### 5. Analysis of Udemmy courses

Taking a dataset with the details of udemmy courses from various fields from kaggle creating various tasks to get intuitive finding

Visualizing the data in tableau and get insights from the data

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## 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