

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 Intern*, Bengaluru, India

Apr. 2019 - 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, JavaScript, Python, HTML5, Node.js

DATABASE: SQL, MongoDB

FRAMEWORKS AND TECHNOLOGIES: AWS, Flask, HTML, CSS

TOOLS AND SOFTWARE'S:

Eclipse IDE, Visual Studio, Atom, MySQL Workbench, IntelliJ IDE, MATLAB

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