SATHYAMOORTHY THILAKAR
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Graduate Student at Management Information Systems. Looking for full time position starting May 2023.

EDUCATION

University of Illinois at Chicago, Chicago, Illinois   **Aug 2021- May 2023**
Masters in **Management Information Systems**
Related Subjects- Enterprise application development, Business database technology, Statistics for management, Business data visualization, Information system strategy & policy

Anna University (Chennai), Tamilnadu, India   **2017-2021**
Bachelors of Information Technology   *CGPA: 3.7/4.0*
Related Subjects- Problem solving and Python Programming, Programming in C, Information technology essentials, Digital principles and system design, Object oriented programming, Data structures, Database management systems, Design and Analysis of algorithms, Operating systems, Computer architecture, Software engineering, Web technology, Computer networks, Big data analytics

SKILL SETS

• **LANGUAGES / TOOLS:** C, C++, Java, Python, C#, Node.js, RStudio, Tableau
• **WEB TECHNOLOGY:** HTML5, CSS, JavaScript, Bootstrap
• **DATABASE / CLOUD**: MYSQL
• **MANAGEMENT:** SQL Server Management Studio, Microsoft Visual Studio

EXPERIENCE

Project Intern –*4D Healthware/ Data Analysis Strategy***,** *Chicago, USA*   **Aug 2021- Present**
4D Healthware uses connected data for personalized medicine through its patient engagement software.
● Understanding structure of data and identifying issues in patient's records for extraction of valuable data
● Performed data visualization techniques using **Tableau** for patient's data segmentation
● Leveraged data analysis techniques using **SQL** and **Excel** to build a robust flowchart to analyze improvements in patient's conditions
● Implemented strategies to eliminate inconsistencies in patient's data to improve data reporting capabilities

Intern, *Shiash Info Solutions Limite***d,** *Chennai,Tamilnadu, India*   **Jan- Mar 2021**
● Worked extensively in Visual Studio using C# Language
● Did a project on rectifying Focal Stock by using Cyper Theory
● Worked extensively in developing a web page using C#

Intern, *Kaashiv Infotech*, *Chennai,Tamilnadu, India*   **Oct – Dec 2020**
● Learned about different network design and topologies that interact to form a secure IT network
● Maintained network equipment such as switches and routers
● Awarded with CCNA (**Cisco Certified Network Associate**) is an information technology (IT) certification from Cisco Systems

Intern, Eyeopen Technologies, *Chennai,Tamilnadu,India*   **Mar-Nov 2018**
● Learned about how to design a web page using Visual management studio
● Designed a login web page for a Banking system
● Awarded with .Net advanced certificate

CERTIFICATIONS

● Completed Foundational Databases by Scott Simpson through LinkedIn learning
● Completed Microsoft SQL Server 2019 Essential Training by Adam Wilbert through LinkedIn Learning
● Completed Learning Java by Kathryn Hodge through Linked Learning
● AWS Academy Cloud Foundations
● AWS Academy Data Analytics
● Completed WordPress Project based course for building a website in Coursera
● HTML, CSS, and JavaScript for Web Developers- By John Hopkins University-Ongoing

ACADEMIC PROJECTS

● **Anti Car-Jacking System:**
  ➢ To protect the vehicles from stolen by developing a face recognition system to train the original faces of the car owners thereby protecting the car from intruders
● **Military Bot Surveillance Using Raspberry Pi**:
  ➢ A face detection algorithm was running to identify the enemies by moving the designed bot using a remote controller
● **Case Study Analysis:**
  ➢ Analyzed case studies of Harvard Business School by applying Porter's five forces model, Value-chain analysis, Positioning Framework
● **Inventory Management System:**
  ➢ Created a web application using Java, Node.js, HTML, CSS, and JavaScript for Inventory control by using Apache server and SQL developer as database.
  ➢ Application has multiple user roles and can perform various actions like insert, search, update and delete based on the role and it is scalable
● **United Airlines Performance Analysis:**
  ➢ Analyzed various metrics of United Airlines compared to its close competitors and with industry average using Tableau