

SIVAKUMAR P

Data Analyst

Summary

A mathematics graduate and a data science student, in pursuit of learning and a keen interest in academic and real-world research. I'm eager to apply my understanding of higher mathematics and my passion for problem-solving in a dynamic team environment.

Skills

- Programming | Python, Java
- Database management | Postgres
- Data Visualisation | Excel, google sheets, matplotlib, Powerpoint
- FrontEnd Development | HTML, CSS, Bootstrap
- Others | Advanced Mathematics, Bash scripting

PROJECT

Group study on Applications of Graph Theory in Social Networking:

- Conducted in-depth research on the applications of Graph Theory in social networking, specifically focusing on socio-centered connections.
- Identified various ways in which different types of socio-centered connections contribute to deriving meaningful data in social networks.
- Explored the theory of graph connectivity hypotheses to discern patterns in different types of relations based on the frequency and context of shared data.

Extracurricular Activities

General Student Body Member IIT Madras online


Group leader, Wayanad House Tiruchirappalli | September 2022 - August 2023


- Organizing multiple online events
- Engaging in student interaction and student welfare activities
- Helped build a community and managed to solve multiple student issues

VOLUNTEER EXPERIENCE

Representing IITM BS in Dinamalar Vazhikatti | 2023 and 2024

- Conducted information sessions for 12th-passing students, providing detailed insights into the online degree programs offered by IITM.
- Interacted with over 500 students and their parents through one-on-one interactions and group presentations.

 sktriple777@gmail.com

 9385970029

 #30/6 Cauvery Nagar, Srirangam, Trichy

 www.linkedin.com/in/siv4kumar/

EDUCATION

Foundation in Programming and Data Science


Indian Institute of Technology Madras (IITM)

 September 2021 - December 2022

 CGPA: 8.20/10

Bachelor of Science, Mathematics


Bishop Heber College, Tiruchirappalli


 May 2021 - April 2024

 CGPA: 7.19/10

Higher Secondary (XII),

E R Higher Secondary School, Trichy
PCMC Stream, State Board


 May 2021

 Percentage: 90.63%

Secondary (X),

Modern English School, Bangalore

 May 2019

 Percentage: 86.40%

Coursework

Diploma in programming Indian Institute Of Technology Madras (IITM)

December 2022 -Present | Current
CGPA: 7.78/10

System Commands
Database Management Systems
Modern Application Development I
Programming Concepts using Java

- Successfully encouraged students to consider and enroll in online degree programs, fostering awareness and interest.
- Implemented feedback mechanisms to gather insights from students and parents, leading to the enhancement of outreach strategies and program offerings.

Paper presentation

Representing Bishop Heber College, Trichy International Conference on New Ideas in Technology and Innovations held by Cauvery College for Women Trichy:

- Presented a paper about graph theory and its application in social media in front of over 100 active participants
- Worked with diverse teams and contributed to collective knowledge in the field through a conference organized in collaboration with renowned institutions.

Languages Known

English
Tamil
Kannada
Hindi

Interests

Fitness | Calisthenics, Running
Writing | Journaling, Poems
Others | Photography, anime