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Hi, I am Shriamrut V.

And I am an undergrad student at Amrita Vishwa Vidyapeetham, Amritapuri Campus. My interests are Competitive programming,Algorithmic problem solving, and Machine Learning. I am currently a mentor and a member of the Discrete Mathematics Club in our campus. Its a student community at Amrita, where the major focus is on Algorithms Problem Solving and Research in Discrete Math and Algorithms.

Technical Skills

Data Structures and Algorithms, Object Oriented Programming, C, C++ , Java, Python, SQL, BASH, JSON, Data Science, Machine Learning .

Skills

Public Speaking , Good Communication Skills, Time Management, Adaptable, Hard Working, Leadership Skills.

Education

Amrita Vishwa Vidyapeetham, Amritapuri Campus , Kollam, Kerala
Bachelor of Technology (Btech) in Computer Science and Engineering

JULY 2017 - JULY 2021 (Current CGPA-9.44/10)

Organisations

Discrete Mathematics Club, Amrita Vishwa Vidyapeetham, Amritapuri Campus (2018 – Present)
(Mentor and Member)

Code@Amrita, Amrita Vishwa Vidyapeetham, Amritapuri Campus (2017–2018)
(Member)

Projects

- Implementation of Major Graph Algorithms (Java), MARCH 2019 (Selected for Showing to UGC as course work for the course Design and Analysis of Algorithms). Where based on a given input of edges and vertices, graphs have to formed, and algorithms like Dijistra's Algorithms, Kriskal 's Algorithm, Prim's Algorithm, finding articulation points have to be run on the given graphs.
- Codeforces User Problem Solving Statistics (Java) MAY 2018 (Awarded Best Project in Class for the course Object Oriented Programming (Java), Score -77/80) . The main objective of the project was to give competitive programming coders an idea on where their skills are, whether its graph theory,greedy,math,etc by showing them their statistics on each category of problems solved by them through a pie chart. Data is fetched in JSON

format from the codeforces website for the given handle or id. And Also gives University team coaches an idea on how teams are to be formed for competitive programming competitions like ACM ICPC.
- Restaurant Billing System (C++), project done as a part of Computer Science Course Work in High School.

Achievements and Honors

- Google KickStart 2019 Round E, Rank obtained 942 among 5000+ participants World Wide(August 2019).
- VCode Vidyut MultiFest 2019, was positioned 5th among 40 participants (2019)
- Qualified to Round 1A, Google Code Jam 2019 (April 2019)
- Qualified to South Regionals TCS CodeVita (2018)

Certificates

- Machine Learning and its Applications (Workshop) conducted by the Department of Computer Science and Department of Mathematics, Amrita Vishwa Vidyapeetham, Amritapuri Campus.
- Android App Development (Workshop) conducted by the Department of Computer Science, Amrita Vishwa Vidyapeetham, Amritapuri Campus.

Web Links

https://github.com/shriamrut - Github

https://in.linkedin.com/in/shriamrut-v-iyer-70367b146 - linkedIn

Interests

Competitive Programming, Problem Solving, Physics, Watching Comedy Sitcoms, Music, Cricket, Basketball.

References

Dr. Bhadrachalam Chitturi,Department of Computer Science and Engineering, Amrita Vishwa Vidyapeetham, Amritapuri Campus (cchalam@gmail.com)

Balachandar S, Corporate Industry Relations (CIR), Amrita Vishwa Vidyapeetham, Amritapuri Campus (balachandars@am.amrita.edu)