

Amer Sharif, S.Si, M.Kom

Lecturer of Undergraduate Program in Computer Science Study Program
Faculty of Computer Science and Information Technology
Universitas Sumatera Utara

✉ amer.sharif@usu.ac.id

🏠 Computer Science Undergraduate Study Program, Jl Alumni no. 9 USU Campus Medan

🌐 fasilkom-ti.usu.ac.id/en/lecturer/amer-sharif

Mr. Amer Sharif was born in Oakland, USA, on October 21, 1969. He graduated from the Institut Teknologi Bandung with a bachelor degree in Physics in 1994 and then obtained his master degree in Information Technology from Universitas Indonesia in 1999.

Now, Mr. Amer is a lecturer at the Computer Science Undergraduate Study Program USU. He served as Expert Staff of the Deputy Dean I of Fasilkom-TI USU. In addition, he has taught at Universitas Pembangunan Panca Budi Medan and AMIK STIKOM Tunas Bangsa Pematangsiantar. He is also experienced in other fields, namely as Quality Engineer, Chief Technology Officer, System Engineering Manager, Chief Software Architect, and Store Manager.

Some of the training that Mr. Amer has participated in are training from the Digital Talent Scholarship Kem. Kominfo, with the theme of cloud computing, artificial intelligence, and databases. He also participated in other training such as scientific writing training (AMIK Tunas Bangsa Pematangsiantar) and internal quality control system training (IPB Bogor). He also attended public lectures, various national seminars, and various international journals. Usually, he researches the fields of formation security, databases, and networking.

Mr. Amir's life motto is "there is always a better way" and "there is always a reason to be grateful".

Publications

2026

Prosiding seminar internasional

Mount Sibayak Hiking Trail Recommendation System to Prevent Acute Mountain Sickness with Fall Motion Detection in Climbers

AMER SHARIF , RIZKY ALPARIJI , ELVIAWATY MUISA ZAMZAMI

2025

Jurnal internasional bereputasi

Securing Image Messages Using Secure Hash Algorithm 3, Chaos Scheme, and DNA Encoding

AMER SHARIF , DIAN RACHMAWATI , WILBERT

2024

Prosiding seminar internasional

A Crypto-compression System Using Spritz Algorithm and Variable Length Encoding Algorithm for Text Files

AMER SHARIF , HERRIYANCE

2020

Prosiding seminar internasional

Chaos-based Cryptography: A Brief Look Into An Alternate Approach to Data Security

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2020

Prosiding seminar internasional

Analysis of Drug Abuse Users in North Sumatera With K-Means Algorithm

AMER SHARIF

2019

Jurnal nasional terakreditasi

Data mining untuk memprediksi itemset promosi penjualan barang menggunakan metode market basket analysis (mba)(studi kasus: toko sentra ponsel)

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2019

Prosiding seminar internasional

Analysis of Modified Least Significant Bit Polynomial Function Algorithm for Securing Digital Image

DIAN RACHMAWATI , AMER SHARIF

2019

Prosiding seminar internasional

Hybrid Cryptosystem Combination Algorithm of Hill Cipher 3x3 and Elgamal to Secure Instant Messaging for Android

AMER SHARIF , DIAN RACHMAWATI

2018

Prosiding seminar internasional

A combination of vigenere algorithm and one time pad algorithm in the three-pass protocol

DIAN RACHMAWATI , AMER SHARIF

2017

Prosiding seminar internasional

Hybrid Cryptosystem Using Tiny Encryption Algorithm and LUC Algorithm

DIAN RACHMAWATI , AMER SHARIF
