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*Mr. Fauzan Nurahmadi is one of the Permanent Lecturers at the Computer Science Undergraduate Study Program, Universitas Sumatera Utara. In addition, he has experience as an Expert in SIMRS Development at the Petalabumi Riau Hospital, an Expert at the Disdukcapil of Medan City, and the Main Programmer at the KOMINFO SUMUT Service.*

*This career experience is complemented by the education he has taken. He received a bachelor degree from the Computer Science Undergraduate Study Program, Universitas Sumatera Utara in 2008. The following year, he continued his education to a master degree at Universitas Gajah Mada (UGM), in the Computer Science Master Program.*

*Mr. Fauzan is also actively involved in organizations. He is the Secretary of Ikatan Profesi Komputer dan Informatika Sumut and the Coordinator of the Information and Communications Division of the Youth Organization in Medan.*

*Born in Medan, on December 29, 1985, Mr. Fauzan is still a young lecturer. However, he has conducted various researches in the field of artificial intelligence and computer vision.*

*The training that Mr. Fauzan has participated in including Lokakarya Pengembangan Keterampilan Dasar Instruksional Angkatan 64 2021 and Latihan Dasar Calon Tenaga Pendidik Tetap Non PNS Angkatan VI 2019. Mr. Fauzan's motto is, "The purpose of education is to sharpen intelligence, strengthen willpower and refine feelings. ", implying that education is deeply embedded in his life.*

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## Publications

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2026

Jurnal internasional

### **Queueing Theory Meets Pilgrimage Logistics: A Machine Learning-Based Departure Scheduling Framework for Hajj Flights from Medan Embarkation**

FAUZAN NURAHMADI

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2025

Buku lainnya

### **meta optimasi: evolusi kesadaran algoritmik menuju efesiensi tanpa batas**

FAUZAN NURAHMADI

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2025

Koran/majalah populer/majalah umum

### **Apakah Kita Warga Digital Atau Tahanan Digital?**

FAUZAN NURAHMADI

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2025

Jurnal nasional terakreditasi

### **Optimization of Outpatient Service Schedule at Type C Hospital**

FAUZAN NURAHMADI

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2024

Prosiding seminar internasional

### **Perceptron Neural Network Model on Predicting Postpartum Depression in The Puerperium**

FAUZAN NURAHMADI

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2023

Prosiding seminar internasional

## **Implementation of Profile Matching Method and S-Ord Algorithm in Gadget Selection and Determination of Nearest Gadgets Store**

FAUZAN NURAHMADI , DIAN RACHMAWATI

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2022

Prosiding seminar nasional

## **PEMBENTUKAN RELAWAN DESA MUARA SALADI KECAMATAN ULU PUNGUTAN KABUPATEN MANDAILING NATAL DALAM MENGHADAPI BENCANA**

SRI FAJAR AYU, SP, MM, DBA , FAUZAN NURAHMADI , MEUTIA NAULY

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2021

Jurnal nasional terakreditasi

## **Enhance Decision Support Systems Method of Measure Student Levels and Attitude Cigarette Danger for Health Based on AHP**

FAUZAN NURAHMADI

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## **Researches**

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2023

Penelitian Dana Lokal Perguruan Tinggi

## **Optimalisasi Pendataan Pengungsi Rohingya di Sumatera Utara Berdasarkan Pendekatan Prediktif Hukum dan Pemanfaatan Teknologi Informasi Untuk Perlindungan dan Penanganan Pengungsi Rohingya.**

FAUZAN NURAHMADI , MOHAMMAD EKAPUTRA , EDY IKHSAN

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## **Community Services**

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2022

Ipteks Bagi Masyarakat

## **Manajemen Keuangan Koperasi Berbasis Teknologi Informasi di Desa Sempa Jaya Kabupaten Karo**

FAUZAN NURAHMADI , SRI FAJAR AYU, SP, MM, DBA , MEUTIA NAULY

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2022

Penelitian Dana Lokal Perguruan Tinggi

## **PENGEMBANGAN POTENSI WISATA KESEHATAN BERBASIS TEKNOLOGI INFORMASI DI KOTA MEDAN**

FAUZAN NURAHMADI , SRI FAJAR AYU, SP, MM, DBA , DESTANUL AULIA , MEUTIA NAULY

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2021

Ipteks Bagi Masyarakat

## **Pembentukan Relawan Desa Muara Saladi di Kecamatan Ulu Penguatan Kabupaten Mandailing Natal dalam Menghadapi Bencana**

FAUZAN NURAHMADI , SRI FAJAR AYU, SP, MM, DBA , MEUTIA NAULY

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