# Fanindia Purnamasari, S.TI., M.IT

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*Fanindia Purnamasari was born on 17 August, 1989 in Medan. She received bachelor degrees from Universitas Sumatera Utara (2013), and master degrees from Universiti Kebangsaan Malaysia (2017). She joined several organizations during as a student, as a public relation member of Himpunan Mahasiswa Teknik Perangkat Lunak (2008), as a secretary of Persatuan Pelajar Indonesia-Universiti Kebangsaan Malaysia (2015-2016) and as a member of HCI and ELT Laboratorium during as master student. She organized the 2015 and 2016 International Conference on Multidisciplinary Academic in Kuala Lumpur. .*

*She joined Universitas Sumatera Utara as a lecturer in 2019 and currently, she is participating as a member of Unit Manajemen Mutu, member editor of Journal of Computing and Applied Informatics (JoCAI). She was also appointed as co-instructor of Digital Talent Scholarship in USU (2019-2020).*

*She has research interest in human computer interaction, data science and artificial intelligence. She attended some courses, seminar to enhance her knowledge in her interest, one of them is Data Scientist: Artificial Intelligence untuk Dosen dan Instruktur was organized by Kominfo (2021).*

*In her life, she is trying to be an optimistic person, not feel better than others and keep quotes 'Rendahkan hatimu dalam menuntut ilmu".*

## Publications

2026
Jurnal nasional terakreditasi

### Pengoptimalan Aplikasi Pemantauan GiziAnak Upaya Mengedukasi Ibu PKK Kelurahan Limau Sundai Dalam Pencegahan Stunting

FANINDIA PURNAMASARI , DEWI SARTIKA BR GINTING

2025
Prosiding seminar internasional

### Designing for Persons with Disabilities Using Creative Pattern Matching Strategy for Social Innovation

FANINDIA PURNAMASARI

2025
Jurnal nasional terakreditasi

### Visualisasi Organ Tubuh Dampak Merokok Menggunakan Augmented Reality

FANINDIA PURNAMASARI , ADE SARAH HUZAIFAH

2024
Prosiding seminar internasional

### Development of machine learning-based sign language translator for Bahasa Isyarat Indonesia (BISINDO)

EWALDO , HARDY LIYANTO , ABID TONDI NUGRAHA , T KEMALA INTAN , ROSMALINDA , FANINDIA PURNAMASARI , ADE CANDRA

2024
Prosiding seminar internasional

### Classification of chicken egg quality using faster region convolutional neural network

IVAN JAYA , FANINDIA PURNAMASARI , Amira Nurul Amanda

2021

Prosiding seminar internasional

### Application Prototype for Scientific Paper Layout Inspection

DANI GUNAWAN , AMALIA , FANINDIA PURNAMASARI

2021
Prosiding seminar internasional

### SNPE-SRGAN: Lightweight Generative Adversarial Networks for Single-Image Super-Resolution on Mobile Using SNPE Framework

FANINDIA PURNAMASARI

2020
Prosiding seminar internasional

### Chatbot Implementation with Semantic Technology for Drugs Information Searching System

AMALIA , FANINDIA PURNAMASARI , ELVIWANI

2018
Jurnal nasional terakreditasi

### User Centered Design Approach to Redesign Graduate Student Management Information System

FANINDIA PURNAMASARI

## Researches

2025
Penelitian Fundamental

### Pendugaan Karakter dan Potensi Hasil Galur Kedelai dengan Teknik Computer Vision

ANGGRIA LESTAMI , DIANA SOFIA HANAFIAH , FANINDIA PURNAMASARI , RAHMATIKA ALFI

2022
Penelitian Fundamental

### PENGEMBANGAN SISTEM PENERJEMAH BAHASA ISYARAT BERBASIS MACHINE LEARNING BAGI DIFABEL

ADE CANDRA , T KEMALA INTAN , ROSMALINDA , FANINDIA PURNAMASARI , HARDY LIYANTO , ABID TONDI NUGRAHA , EWALDO

2021
Penelitian Dana Lokal Perguruan Tinggi

### Purwarupa Pemeriksaan Format Penulisan Karya Ilmiah Berbasis Teknologi Cloud

AMALIA , DANI GUNAWAN , FANINDIA PURNAMASARI , NIKITA YOFANNY NAPITUPULU , CHARLIE , FAUZAN ZAMAN

2020
Penelitian Dosen Pemula

### Ekstraksi Kata Kunci pada Karya Ilmiah Menggunakan Algoritma TextRank

DANI GUNAWAN , FANINDIA PURNAMASARI

## Community Services

2026
Ipteks Bagi Masyarakat

### Peningkatan Produktivitas melalui Perbaikan Alat Pengolahan dan Inovasi Kemasan Produk Keripik di UMKM Keripik Cemilan Atin

NURSA'ADAH , KARINA NOLA SINAMO , EDY SYAH PUTRA HARAHAP , FANINDIA PURNAMASARI , FRISKA ABIGAIL MANURUNG , MARTA SITORUS , VIVILYA ERICCA

2023

### Pengembangan Model Program Peningkatan Kapasitas Guru dalam Pendidikan Berbasis Rentang Usia di Yayasan Nurul Adila Madani Medan

IKA SARI DEWI , SRI SUPRIYANTINI , FANINDIA PURNAMASARI , RR LITA HADIATI WULANDARI , DWI MIFTAH FATIHYA ,

# Intellectual Property Rights

2025
Hak cipta nasional

## Modul Pelatihan Peningkatan Kapasitas Guru dalam Pendidikan Berbasis Rentang Usia

IKA SARI DEWI , SRI SUPRIYANTINI , RR LITA HADIATI WULANDARI , FANINDIA PURNAMASARI

2021
Hak cipta nasional

## Sistem Pemeriksa Format Penulisan Skripsi

FANINDIA PURNAMASARI , AMALIA , DANI GUNAWAN