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Sri Melvani Hardi completed her Bachelor's and Master's degrees at Universitas Sumatera Utara, specializing in Computer Science and Informatics Engineering, graduating in 2010 and 2014. She is currently pursuing her doctoral degree in Computer Science at Universitas Sumatera Utara.

Publications

2026
Prosiding seminar internasional

Deep Learning for Veterinary Dermatology: A VGG16 Transfer Learning Approach for Skin Disease Classification in Pets

DEWI SARTIKA BR GINTING , SRI MELVANI HARDI , SUTRIYANINGSIH

2026
Prosiding seminar internasional

A Deep Learning-Based Framework for Personalized Laptop Recommendation from Natural Language Input

SRI MELVANI HARDI , DEWI SARTIKA BR GINTING , RIYANDA AZIS FEBRIAN

2025
Prosiding seminar internasional

Educational Innovation: Predicting Graduation and Study Period Reminders Using the Multilayer Perceptrons and SVM Algorithm on Telegram

IVAN JAYA , SRI MELVANI HARDI

2024
Prosiding seminar internasional

Hyperparameter Optimization of DenseNet-121 for Beta Thalassemia Major Detection on Android

AMALIA , SRI MELVANI HARDI , HAJARANI SYADZWANA

2024
Prosiding seminar internasional

Bridal Expert System: Optimizing Wedding Service Procedures Using Certainty Factor Method

AMALIA , LANOVA DWI ARDE M , SRI MELVANI HARDI , M. Raihan , Efdin Hasyim

2024
Prosiding seminar internasional

Keyword-Based E-Commerce Data Crawling Set Using Focused Crawler (Case Study: Aquascape Community)

MAHYUDDIN , MUHAMMAD ZARLIS , SYAHRIL EFENDI , SRI MELVANI HARDI

2024
Prosiding seminar internasional

Smart Aquascape: Fuzzy Logic Control For Real-Time Water Quality Optimization In IoT Environment

IVAN JAYA , SRI MELVANI HARDI

2023
Prosiding seminar internasional

OLCBot: Dissemination Of Interactive Information Related To Indonesia’s Omnibus Law With The Implementation of Fuzzy String Matching Algorithm and Sastrawi Stemmer

SRI MELVANI HARDI

2022
Jurnal nasional

Recommendation System of Component Selection for Aquascape With SMART Method

IVAN JAYA , SRI MELVANI HARDI

2021
Prosiding seminar internasional

Text File Compression Using Hybrid Run Length Encoding (Rle) Algorithm With Even Rodeh Code (Erc) And Variable Length Binary Encoding (Vlbe) To Save Storage Space

POLTAK SIHOMBING , MUHAMMAD ZARLIS , SRI MELVANI HARDI

2020
Prosiding seminar internasional

Expert System For Detection Glaucoma Disease Using Certainty Factor Method

AMALIA , SRI MELVANI HARDI

2020
Jurnal nasional

Implementation of Expert System for Detection Periodontitis Disease Using Fuzzy Logic

SRI MELVANI HARDI , SYAHRIL EFENDI

2020
Prosiding seminar internasional

Hiding and Data Safety Techniques in Bmp Image with LSB and RPrime RSA Algorithm

SRI MELVANI HARDI , IVAN JAYA , MOHAMMAD ANDRI BUDIMAN

2020
Jurnal nasional terakreditasi

Implementation of Expert System for Detection Periodontitis Disease Using Fuzzy Logic

SRI MELVANI HARDI , SYAHRIL EFENDI

2020
Prosiding seminar internasional

Expert System for Diagnosing Osteoarthritis with Fuzzy Tsukamoto Method

AMALIA , SRI MELVANI HARDI

2020
Prosiding seminar internasional

Expert System for Diagnosing Osteoarthritis with Fuzzy Tsukamoto Method

AMALIA , SRI MELVANI HARDI

2020
Prosiding seminar internasional

Expert System for Detection Glaucoma Disease Using Certainty Factor Method

ELVIWANI , SRI MELVANI HARDI

2018
Prosiding seminar internasional

Research mapping in North Sumatra based on Scopus

MAHYUDDIN , ROSMAYATI , RUNTUNG SITEPU , SRI MELVANI HARDI , DARMA BAKTI

2018
Prosiding seminar internasional

Software requirements elicitation to support internal monitoring of quality

assurance system for hig

DANI GUNAWAN , DIAN RACHMAWATI , SRI MELVANI HARDI , AMALIA

2017
Prosiding seminar internasional

Mining of the social network extraction

MAHYUDDIN , SRI MELVANI HARDI

2016
Prosiding seminar internasional

Using social networks to assess forensic of negative issues

SRI MELVANI HARDI , RUNTUNG SITEPU , MAHYUDDIN

Researches

2026

Pengembangan Sistem Asisten Pengetahuan Personal Berbahasa Indonesia Menggunakan Retrieval Augmented Generation (RAG) dan Large Language Model (LLM) untuk Temu kembali Informasi pada Dokumen Akademik

SRI MELVANI HARDI , MAULIANA , DIAN RACHMAWATI

2025
Penelitian Dosen Pemula

Optimalisasi Sistem Kehadiran Berbasis Face Recognition dan Verifikasi Lokasi dengan Pendekatan Convolutional Neural Network , Euclidean Distance dan Haversine

SRI MELVANI HARDI , MOHAMMAD ANDRI BUDIMAN

2024

Penerapan Metode CF dalam Sistem Penentuan Kelayakan Calon Pengantin dalam Peningkatan Standar Prosedur Pelayanan Perkawinan (SP3) pada Dinas PPKB Kota Tebing Tinggi

SRI MELVANI HARDI , LANOVA DWI ARDE M , AMALIA

2023

Sistem Cerdas Aquascape melalui Integrasi IoT dan Dashboard Interaktif

SRI MELVANI HARDI , IVAN JAYA

2022

CRAWLING DATA SET E-COMMERCE BERBASIS KATA KUNCI MENGGUNAKAN FOCUSED CRAWLER (STUDI KASUS : KOMUNITAS AQUASCAPE

SRI MELVANI HARDI , IVAN JAYA

2021
Penelitian Dana Lokal Perguruan Tinggi

Sistem Rekomendasi Pemilihan Komponen Dalam Pembuatan Aquascape Dengan Metode SMART

SRI MELVANI HARDI , IVAN JAYA , MUHAMMAD RIVALDI ZULVIE

2017

OPENLOBBY: APLIKASI SERVER UNTUK PENGEMBANGAN FITUR MULTIPLAYER PADA GAME

SRI MELVANI HARDI , ELVIAWATY MUISA ZAMZAMI

Community Services

2022
Ipteks Bagi Masyarakat

Upaya Pengadaan dan Pemeliharaan Bibit Bermutu Tanaman Alpukat dan Lengkeng Melalui Teknik Budding

SRI MELVANI HARDI , RATNA ROSANTI LAHAY , REVANDY I M DAMANIK , HOT SETIADO , KRISMAN ARTHUR RIONALDY SIMANUNGKALIT , RIBKA HOTMA ANDRIANI NAPITUPULU

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2025
Hak cipta nasional

PredictaCycle: Prediktor Kesehatan dan Masa Pakai Baterai Berbasis Kecerdasan Buatan untuk Penggunaan Laptop Berkelanjutan

SRI MELVANI HARDI , AMALIA , Husein Ibnu Mahmud, S. Kom.

2023
Hak cipta nasional

Sistem Crawler Data Set E-Commerce Berbasis Kata Kunci Menggunakan Focused Crawler

AMALIA , IVAN JAYA , SRI MELVANI HARDI , Nur Azizah harahap

2022
Hak cipta nasional

Sistem Rekomendasi Pemilihan Komponen Dalam Pembuatan Aquascape Dengan Metode SMART

SRI MELVANI HARDI , IVAN JAYA

2020
Hak cipta nasional

Aplikasi Kompresi File Citra Dengan Metode Golbach Code Dan Boldi Vigna

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2020
Hak cipta nasional

SIPENJAL: Sistem Pakar Diagnosis Penyakit Ginjal

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2020
Hak cipta nasional

SIPENDOTIS: Sistem Pakar Diagnosis Penyakit Periodontitis Terhadap Perokok Aktif

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2020
Hak cipta nasional

SIPENKUJA: Sistem Pakar Diagnosis Penyakit Kulit Wajah

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2020
Hak cipta nasional

SIPETIS: Sistem Pakar Penyakit Osteoarthritis

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