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Sri Melvani Hardi menyelesaikan pendidikan Strata I dan II di Universitas Sumatera Utara, mendalami Ilmu Komputer dan Teknik Informatika, lulus masing-masing pada tahun 2010 dan 2014. Ia kini melanjutkan pendidikan doktoralnya di bidang Ilmu Komputer di Universitas Sumatera Utara.

Publications

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

2020

Prosiding seminar internasional

Expert System for Detection Glaucoma Disease Using Certainty Factor Method

ELVIWANI , SRI MELVANI HARDI

2019

Prosiding seminar internasional

Keyword Based System to Enhance the Efficiency of Student s Performance Report in Computer Science E

IVAN JAYA , JOS TIMANTA TARIGAN , SRI MELVANI HARDI , ELVIAWATY MUISA ZAMZAMI

2018

Prosiding seminar internasional

Hybrid cryptosystem for image file using elgamal and double playfair cipher algorithm

JOS TIMANTA TARIGAN , SRI MELVANI HARDI

2024

Prosiding seminar internasional

Implementation of Celiac Disease Detection Using a Website-based Artificial Neural Network Approach

AMALIA , SRI MELVANI HARDI , MAYA SILVI LYDIA

2020

Jurnal nasional

Implementation of Expert System for Detection Periodontitis Disease Using Fuzzy Logic

SRI MELVANI HARDI , SYAHRIL EFENDI

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

2024

Prosiding seminar internasional

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

IVAN JAYA , SRI MELVANI HARDI

2019

Jurnal internasional

Ability level of git hub amongst computer science students

IVAN JAYA , JOS TIMANTA TARIGAN , ELVIAWATY MUISA ZAMZAMI , MUHAMMAD ZARLIS , SRI MELVANI HARDI

2019

Prosiding seminar internasional

The implementation of trithemius algorithm and modified least significant bit (mlsb) blue channel fo

SRI MELVANI HARDI , IVAN JAYA , JOS TIMANTA TARIGAN , DIAN RACHMAWATI

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

2017

Prosiding seminar internasional

A Method to Extract the Forensic about Negative Issues from Web

MAHYUDDIN , SRI MELVANI HARDI , EMERSON PASCAWIRA SINULINGGA , RUNTUNG SITEPU

2025

Prosiding seminar internasional

Smart Ticketing: Application of Random Forest for Bus Ticket Price Prediction

FUZY YUSTIKA MANIK , SRI MELVANI HARDI

2019

Prosiding seminar internasional

Designing Open Server for Educational Question Resource

MOHAMMAD FADLY SYAH PUTRA , JOS TIMANTA TARIGAN , IVAN JAYA , ELVIAWATY MUISA ZAMZAMI , SRI MELVANI HARDI

2019

Prosiding seminar internasional

Keyword Based System to Enhance the Efficiency of Student's Performance Report in Computer Science Education

SRI MELVANI HARDI , JOS TIMANTA TARIGAN , ELVIAWATY MUISA ZAMZAMI , IVAN JAYA

2017

Prosiding seminar internasional

Mining of the social network extraction

MAHYUDDIN , 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 , MAYA SILVI LYDIA , AMALIA , ELVIAWATY MUISA ZAMZAMI

2022

Jurnal nasional

Recommendation System of Component Selection for Aquascape With SMART Method

IVAN JAYA , SRI MELVANI HARDI

2024

Prosiding seminar internasional

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

2020

Prosiding seminar internasional

Comparison of Text Data Compression Using Yamamoto Recursive Codes and Punctured Elias Codes

IVAN JAYA , JOS TIMANTA TARIGAN , SRI MELVANI HARDI

2019

Prosiding seminar internasional

Comparative Analysis of Backpropagation with Learning Vector Quantization (LVQ) to Predict Rainfall

IVAN JAYA , JOS TIMANTA TARIGAN , SRI MELVANI HARDI , TULUS

2016

Prosiding seminar internasional

Using social networks to assess forensic of negative issues

SRI MELVANI HARDI , RUNTUNG SITEPU , MAHYUDDIN

2020

Prosiding seminar internasional

Taxonomy Genetic Algorithm for Implementation Partially Mapped Crossover in Travelling Salesman Problem

MAYA SILVI LYDIA , SYAHRIL EFENDI , MUHAMMAD ZARLIS , 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

2020

Jurnal nasional terakreditasi

Implementation of Expert System for Detection Periodontitis Disease Using Fuzzy Logic

SRI MELVANI HARDI , SYAHRIL EFENDI

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

2025

Jurnal internasional bereputasi

Optimizing Celiac Disease Detection Through Dataset Balancing and Deep Learning in a Mobile Application

AMALIA , MAYA SILVI LYDIA , SRI MELVANI HARDI , ANDREW BENEDICTUS JAMESIE , Hasanul Fahmi

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

2018

Prosiding seminar internasional

Research mapping in North Sumatra based on Scopus

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

2025

Jurnal internasional bereputasi

An LLM-Based Behavior Agent with Natural Language Personality Control: Enabling Trait-Driven NPC Decision-Making through Prompt Engineering

JOS TIMANTA TARIGAN , SRI MELVANI HARDI , BRIAN WIJAYA , AVIN CHAILI SALIM

2019

Prosiding seminar internasional

Scientific Documents Classification Using Support Vector Machine Algorithm

JOS TIMANTA TARIGAN , SRI MELVANI HARDI , IVAN JAYA , MAYA SILVI LYDIA , INDRA AULIA

2019

Prosiding seminar internasional

Combination of myzskowski transposition algorithm and modified least significant bit (mlsb) green ch

SRI MELVANI HARDI , JOS TIMANTA TARIGAN , IVAN JAYA , DIAN RACHMAWATI

2026

Prosiding seminar internasional

Architecture for Epidemiological Data Collection System

IVAN JAYA , JOS TIMANTA TARIGAN , SRI MELVANI HARDI

2024

Prosiding seminar internasional

Implementation of Celiac Disease Detection Using a Website-based Artificial Neural Network Approach

ANDREW BENEDICTUS JAMESIE , MAYA SILVI LYDIA , AMALIA , SRI MELVANI HARDI

2019

Prosiding seminar internasional

Analysis on Combination of Watermarking Algorithm: Modified Least Significant Bit Algorithm with Lea

SRI MELVANI HARDI , MUHAMMAD ZARLIS , JOS TIMANTA TARIGAN , IVAN JAYA

2020

Prosiding seminar internasional

Expert System for Diagnosing Osteoarthritis with Fuzzy Tsukamoto Method

AMALIA , SRI MELVANI HARDI

2019

Prosiding seminar internasional

Comparative Analysis Run-Length Encoding Algorithm and Fibonacci Code Algorithm on Image Compression

JOS TIMANTA TARIGAN , SRI MELVANI HARDI , MAYA SILVI LYDIA , IVAN JAYA

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

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

2025

Prosiding seminar internasional

Hybrid Approach for Procedural Level Generation for 2D Platformer Game

SRI MELVANI HARDI , ERICK YUDHA PRATAMA SUKKU , JOS TIMANTA TARIGAN

2025

Prosiding seminar internasional

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

LANOVA DWI ARDE M , AMALIA , SRI MELVANI HARDI

2021

Prosiding seminar internasional

Recognition of Hand Movement for Training Motor Skill of Children With Autism Spectrum Disorder (ASD) Using Myo Gestures Control Armband and

Artificial Neural Network

SRI MELVANI HARDI , MOHAMMAD FADLY SYAH PUTRA

2020

Prosiding seminar internasional

Expert System For Detection Glaucoma Disease Using Certainty Factor Method

AMALIA , SRI MELVANI HARDI

2020

Prosiding seminar internasional

Expert System for Diagnosing Osteoarthritis with Fuzzy Tsukamoto Method

AMALIA , SRI MELVANI HARDI

Researches

2021

Penelitian Dana Lokal Perguruan Tinggi

Sistem Rekomendasi Pemilihan Komponen Dalam Pembuatan Aquascape Dengan Metode SMART

SRI MELVANI HARDI , IVAN JAYA , MUHAMMAD RIVALDI ZULVIE

2021

Penelitian Unggulan Perguruan Tinggi

Penerapan Aplikasi Permainan Pre-Coding Social Story untuk Terapi Anak Berkebutuhan Khusus

SRI MELVANI HARDI , SENIMAN , MOHAMMAD FADLY SYAH PUTRA , ENIKE DEWINTA SEMBIRING , SYARIFAH ATIKA

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

2022

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

SRI MELVANI HARDI , IVAN JAYA

2020

Penelitian Unggulan Perguruan Tinggi

Penerapan Aplikasi Permainan Pre-Coding Social Story untuk Terapi Anak Berkebutuhan Khusus

SRI MELVANI HARDI , SENIMAN , MOHAMMAD FADLY SYAH PUTRA , SYARIFAH ATIKA , ENIKE DEWINTA SEMBIRING

2018

Penelitian Unggulan Perguruan Tinggi

Sistem Pemodelan Terrain 3 Dimensi Secara Kolaboratif

SRI MELVANI HARDI , MAHYUDDIN , JOS TIMANTA TARIGAN , SYAHRIOL SITORUS

2023

Sistem Cerdas Aquascape melalui Integrasi IoT dan Dashboard Interaktif

SRI MELVANI HARDI , IVAN JAYA

2016

Penelitian Dosen Pemula

Implementasi Collaborative Rendering Gambar Tiga Dimensi dengan Menggunakan Konsep Online Teamwork pada Telepon Seluler Berbasis Android

SRI MELVANI HARDI , JOS TIMANTA TARIGAN , IVAN JAYA

2017

OPENLOBBY: APLIKASI SERVER UNTUK PENGEMBANGAN FITUR MULTIPLAYER PADA GAME

SRI MELVANI HARDI , ELVIAWATY MUISA ZAMZAMI

Community Services

2018

Ipteks Bagi Masyarakat

Sosialisasi dan Pelatihan Computational Thinking dengan Menggunakan Aplikasi Quiz Berbasis Komputer pada Siswa SMA dan SMP

SRI MELVANI HARDI , JOS TIMANTA TARIGAN , IVAN JAYA , ELVIAWATY MUISA ZAMZAMI

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

2017

Pemanfaatan Infografis Dalam Penyampaian Informasi

SRI MELVANI HARDI , JOS TIMANTA TARIGAN , IVAN JAYA

2016

Peningkatan Kualitas Distribusi Informasi Melalui Media Sosial Pada SMA/SMK Sederajat

SRI MELVANI HARDI , MAHYUDDIN , JOS TIMANTA TARIGAN , IVAN JAYA

Intellectual Property Rights

2020

Hak cipta nasional

Sistem Rekomendasi Pemilihan Komponen Dalam Pembuatan Aquascape Dengan Metode SMART

SRI MELVANI HARDI , IVAN JAYA

2020

Hak cipta nasional

PENERAPAN APLIKASI PERMAINAN PRE-CODING SOCIAL STORY UNTUK TERAPI ANAK BERKEBUTUHAN KHUSUS

MOHAMMAD FADLY SYAH PUTRA , SRI MELVANI HARDI , SENIMAN

2020

Hak cipta nasional

Aplikasi Kompresi File Citra Dengan Metode Golbach Code Dan Boldi Vigna

SRI MELVANI HARDI

2020

Hak cipta nasional

Pengenalan Gesture Tangan untuk melatih motorik anak autisme menggunakan MYO Gesture Armband

SRI MELVANI HARDI , MOHAMMAD FADLY SYAH PUTRA

2020

Hak cipta nasional

SIPENJAL: Sistem Pakar Diagnosis Penyakit Ginjal

SRI MELVANI HARDI

2020

Hak cipta nasional

APLIKASI PENDETEKSI PENYAKIT CELIAC DENGAN METODE DEEP LEARNING BERBASIS WEBSITE

SRI MELVANI HARDI , ANDREW BENEDICTUS JAMESIE , AMALIA , MAYA SILVI LYDIA

2020

Hak cipta nasional

SIPENDOTIS: Sistem Pakar Diagnosis Penyakit Periodontitis Terhadap Perokok Aktif

SRI MELVANI HARDI

2020

Hak cipta nasional

SIPENKUJA: Sistem Pakar Diagnosis Penyakit Kulit Wajah

SRI MELVANI HARDI

2020

Hak cipta nasional

SIPETIS: Sistem Pakar Penyakit Osteoarthritis

SRI MELVANI HARDI

2020

Hak cipta nasional

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

SRI MELVANI HARDI , AMALIA

2020

Hak cipta nasional

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

IVAN JAYA , AMALIA , SRI MELVANI HARDI
