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Herriyance, ST, M.Kom, was born in Medan, on October 24, 1980. He obtained his Bachelor degree in Informatics Engineering (Sekolah Tinggi Teknik Harapan Medan) in 2005, then completed his Masters in Information Technology at Universitas Putra Indonesia (UPI), Padang in 2009.

Herriyance, S.T., M.Kom started his career as a lecturer at Fasilkom-TI in 2012 until now and was given the mandate as Secretary of the Computer Science Undergraduate Study Program for the period of 2017 to 2021. In 2013, he became Secretary of Online Journal of Computer Science. He is active in the Aptikom Wil. 1 Sumut-Aceh and participated in the Planting of a Thousand Trees at Computer Science Study Program USU and became a presenter at the debriefing activity for new students at STMIK Triguna Dharma Medan in Sibolangit in 2014.

Currently he is pursuing several research fields including artificial intelligence, robotics and the Internet of Things which has resulted in several scientific publications including the Pengembangan Sistem Kontrol Otomatis Untuk Mengontrol PH Tanah Menggunakan Mikrokontroler (2019), Pengembangan Sistem Kontrol Otomatis Untuk Mengontrol PH Tanah Menggunakan Mikrokontroler (2019), Menggerakkan Robot Untuk Mengontrol Objek Menggunakan Gestur Tangan Dengan Logika Fuzzy (2020), and several other scientific publications listed in SINTA.

During his life, he always adhered to the advice and words of his parents and teachers that "Knowledge is not what is memorized, but what benefits".

Publications

2021

Prosiding seminar internasional

Abnormal Object Detection in Thoracic X-Ray Using You only Look Once (YOLO)

HERRIYANCE , AMALIA

2022

Jurnal nasional terakreditasi

Pembuatan Animasi Integral Sebagai Implementasi Grafika Komputer Dengan Menggunakan Morphing dan OpenGL

HERRIYANCE

2026

Jurnal internasional bereputasi

Hybrid Deep Convolutional Neural Network and Counter Propagation Neural Network as a Pork-Beef Differentiator System

ROMI FADILLAH RAHMAT , HERRIYANCE , ROSSI PASSARELLA , SHARFINA FAZA , Prof. Dr. Rahmat Budiarto , Farhad Nadi

2025

Jurnal nasional terakreditasi

Pengelompokan Citra Warna Kulit Untuk Rekomendasi Shade Make-Up Kecantikan Dengan Konsep Pengolahan Citra Digital

ZAIMAH PANJAITAN , HERRIYANCE , BENI ANDIKA , MUHAMMAD DAHRIA

2025

Jurnal nasional terakreditasi

AN IMPROVEMENT OF METHOD FOR DIFFICULTY ADJUSTMENT BASED ON PROCEDURES IN THE GAME "LOST LABYRINTHS: ROGUE'S ODYSSEY"

2025

Jurnal nasional terakreditasi

Pengelompokan Citra Warna Kulit Untuk Rekomendasi Shade Make-Up Kecantikan Dengan Konsep Pengolahan Citra Digital

HERRIYANCE , BENI ANDIKA , ZAIMAH PANJAITAN , MUHAMMAD DAHRIA

2025

Jurnal nasional terakreditasi

Pengelompokan Citra Warna Kulit Untuk Rekomendasi Shade Make-Up Kecantikan Dengan Konsep Pengolahan Citra Digital

ZAIMAH PANJAITAN , HERRIYANCE , BENI ANDIKA , MUHAMMAD DAHRIA

2025

Jurnal nasional

Penerapan Hue, Saturation, Value (HSV) dengan Sobel dalam Segmentasi Citra Digital untuk Deteksi Kematangan Tomat.

ZAIMAH PANJAITAN , HERRIYANCE , MUHAMMAD DAHRIA , BENI ANDIKA

Researches

2025

Penelitian Fundamental

Pengembangan Model Manajemen Sumber Daya Keperawatan Berbasis Telelearning dan Artificial Intelligence untuk Meningkatkan Efektivitas Pelayanan Kesehatan di Era Digital

FATWA IMELDA , HERRIYANCE , RENI ASMARA ARIGA

2025

Penelitian Fundamental

Pengembangan Model Manajemen Sumber Daya Keperawatan Berbasis Telelearning dan Artificial Intelligence untuk Meningkatkan Efektivitas Pelayanan Kesehatan di Era Digital

HERRIYANCE

Community Services

2022

Pemanfaatan Teknologi untuk Informasi Broadcast Kegiatan Administrasi Sekolah Madrasah Ibtidaiyah Swasta (MIS) Luqman Al-Hakim Yayasan Pondok Pesantren Hidayatullah Medan

HERRIYANCE , ROMI FADILLAH RAHMAT , POLTAK SIHOMBING

Intellectual Property Rights

2025

Hak cipta nasional

Pengembangan Sistem Pemantauan Cloud Pada Precision Aquaculture Dengan IoT Dan Pendekatan Artificial Intelligence

POLTAK SIHOMBING , SYAHRIL EFENDI , HERRIYANCE