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Mr. Ainul Hizriadi S.Kom, M.Sc was born on October 27, 1985 right in Pangkalan Susu, Langkat Regency, North Sumatra. He received his master's degree at the University of Malaysia Pahang, Faculty of Computer System & Software Engineering, and previously received his bachelor's degree at Universitas Sumatera Utara, majoring in Computer Science. He also participated in training in 2017 and successfully achieved a Certified Ethical Hacking certificate.

Mr. Ainul is currently trusted as a permanent lecturer at Universitas Sumatera Utara, Faculty of Computer Science and Information Technology, precisely in the Undergraduate Program in Information Technology. Not only as a lecturer, he is also trusted to participate in the USU Information Systems Center team as the management and regulation of network systems including internet bandwidth, internet networks, intranet networks, and hotspot access in USU's environment, including the provision of network facilities including hardware and bandwidth, which are the responsibility of USU. This division is also responsible for the management and maintenance of servers used for sensitive, data and information in several strategic work units.

Mr. Ainul's research field is related to the Internet of Things.

Mr. Ainul is very well known as a friendly and good work partner, because he has one sentence that makes him live humbly, which is "Never feel better and smarter than anyone".

Publications

2025

Jurnal nasional terakreditasi

Efisiensi Energi Pada Kinerja Protocol Routing DSDV Berbasis Collision di Wireless Sensor Network

AINUL HIZRIADI , ADE SARAH HUZAIFAH , FANINDIA PURNAMASARI , R. A. FATTAH ADRIANSYAH

2025

Book chapter nasional

CLOUD COMPUTING DAN SISTEM INFORMASI TERDISTRIBUSI

AINUL HIZRIADI

2025

Book chapter nasional

DASAR-DASAR ILMU KOMPUTER: TEORI DAN APLIKASI ERA DIGITAL

TAKYUDIN , HIKMAH ADWIN ADAM , WIWIN SRY ADINDA BANJARNAHOR , SUTOPO , AINUL HIZRIADI , HABIBI RAMDANI SAFITRI , WIBAWA , Ardi Azhar Nampira , ALAND POLMA NAEK SIHOMBING , YUYUN YUSNIDA LASE , SANTI PRAYUDANI

2021

Artikel ilmiah

Groundwater feasibility test system by using wireless sensor network

AINUL HIZRIADI , ULFI ANDAYANI

2020

Prosiding seminar internasional

Preliminary Research Design on Sensor Data Gathering for Air Quality Text Generation

AINUL HIZRIADI , SENIMAN , INDRA AULIA

2020

Network Device Monitoring System based on Geographic Information System and Simple Network Management Protocol

AINUL HIZRIADI , IVAN JAYA

2019

Jurnal internasional bereputasi

Analysis Accuracy Of Forecasting Measurement Technique On Random KNN Using MAPE And MSE

SANTI PRAYUDANI , AINUL HIZRIADI , YUYUN YUSNIDA LASE , YULIA FATMI

2018

Jurnal internasional bereputasi

An Interactive Augmented Reality Implementation of Hijaiyah Alphabet for Children Education

AINUL HIZRIADI

2018

Jurnal internasional bereputasi

Virtual reality interactive media for universitas sumatera utara - A campus introduction and simulation

AINUL HIZRIADI

Researches

2025

PENERAPAN CONVOLUTIONAL NEURAL NETWORK UNTUK DETEKSI KECAMBAH KELAPA SAWIT ABNORMAL BERBASIS CITRA DIGITAL

INDRA SAPUTRA KURNIAWAN , AINUL HIZRIADI

2023

IMPLEMENTASI ADVANCE MACHINE LEARNING PADA PREDIKSI PARTIKEL KUALITAS UDARA

HERRIYANCE , AINUL HIZRIADI

2023

SISTEM KLASIFIKASI NEURAL NETWORK UNTUK MEMBEDAKAN DAGING BABI DAN SAPI

HERRIYANCE , AINUL HIZRIADI

2022

Pengenalan Penyakit Maag Berdasarkan Citra Lidah Dengan Kecerdasan Buatan

HERRIYANCE , AINUL HIZRIADI , KHAIRUNISA FITRI SINAGA , HILDA SAFIRA , FENNI KRISTIANI SARUMAHA

2021

Penelitian Dosen Pemula

PENERAPAN TEKNOLOGI DEEP LEARNING PADA BIDANG FARMASI DALAM MENGLASIFIKASI CITRA MIKROSKOPIS STOMATA TANAMAN HERBAL

ULFI ANDAYANI , AINUL HIZRIADI , MUHAMMAD ANGGIA MUCHTAR

2021

Penelitian Dana Lokal Perguruan Tinggi

Pembangkitan Peringatan Banjir kepada Pengguna Kendaraan Bermotor berdasarkan Data Sensor Monitoring Banjir

SENIMAN , AINUL HIZRIADI , INDRA AULIA , WIDANG MUTTAQIN , MUHIBUDDIN

2019

Interpretasi Tekstual Twitter Otomatis berdasarkan Data Sensor Pemantauan Kualitas Udara

SENIMAN , AINUL HIZRIADI , INDRA AULIA , ALVIN DAELI , RASYID HAFIZ

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2025

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APLIKASI MOBILE KLASIFIKASI BIBIT KELAPA SAWIT PALSU MENGUNAKAN MACHINE LEARNING

FANINDIA PURNAMASARI , AINUL HIZRIADI

2024

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ADMINISTRASI JARINGAN

AINUL HIZRIADI

2026

Hasil penelitian/pemikiran yang tidak dipublikasikan

Klasifikasi Citra Oral Lesions sebagai Pencegahan Dini Kanker Mulut Menggunakan Metode Capsule Neural Network

AINUL HIZRIADI

2026

Hasil penelitian/pemikiran yang tidak dipublikasikan

OPTIMALISASI KINERJA DUAL-CORE PROSESOR PADA SERVER MELALUI PENGALOKASIAN DAN PENGISOLASIAN PROSES-PROSES APLIKASI DENGAN SOLARIS CONTAINERS OPTIMIZE THE PERFORMANCE OF DUAL-CORE SERVERS;

AINUL HIZRIADI
