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Mrs. Rossy Nurhasanah S.Kom., M.Kom was born in Simalungun Regency, North Sumatra on July 1, 2021. Mrs. Rossy earned her bachelor degree at Universitas Sumatera Utara, Computer Science Undergraduate Study Program in 2010. Then, she continued her master study at Institut Pertanian Bogor, in the Computer Science Master Program From 2013 to 2015.

Mrs. Rossy has attended several trainings such as Data Scientist - Artificial Intelligence for Lecturers and Instructors (Ministry of Communication and Informatics) in 2021, Sanger Sequencing Results Analysis and NGS - Online Bootcamp by INBIO INDONESIA in 2021, Basics of NGS Analysis and Identification of Single Nucleotide Polymorphism - Online Course INBIO Batch V in 2020 and PEKERTI and APPLIED APPROACH – UPP USU in 2018.

Mrs. Rossy is currently a lecturer at Universitas Sumatera Utara, specifically at the Information Technology Undergraduate Study Program. Not only that, he also has a career as a staff for UNIT PELAYANAN DAN PENGEMBANGAN PENDIDIKAN (UPP) USU in the field of Media, Information and Publications 2019-2021.

Mrs. Rossy's field of research is related to the fields of Data Science, Bioinformatics, Artificial Intelligence.

Throughout her life, Mrs. Rossy has always adhered to the one sentence she always remembers from Abu Bakar RA and Umar bin Khattab, "Put the world in your hands, not in your heart."

Publications

2026
Prosiding seminar internasional

Estimation of gene action through skewness and kurtosis analysis in soybean population [Glycine max (L.) Merr] F5 generation resulting from three-parent cross

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

2026
Jurnal internasional bereputasi

An open image dataset of Indonesian soybean seed varieties (Anjasmoro, Grobogan, DEGA-1) for agricultural research and machine learning applications

DIANA SOFIA HANAFIAH , RAHMATIKA ALFI , ROSSY NURHASANAH , M. ARIYO SYAHRAZA , MUHAMMAD AZIS SAPUTRA , USMAN ISMAIL PANE , STEVEN MANURUNG , KEISYA , YUNUS TIO BUNTORO , JOSUA PETER CORDA , GALI RAKASIWI , ANGGRIA LESTAMI , FANINDIA PURNAMASARI

2026
Prosiding seminar internasional

Hybrid Aspect-Based Sentiment Analysis and Net Reputation Score for Product Ranking from User Reviews

ROSSY NURHASANAH , MUHAMMAD ISYAMMUDDIN , ADE SARAH HUZAIFAH

2026
Prosiding seminar internasional

Comparative Analysis of CNN and Transformer-Based Transfer Learning for Eucalyptus Leaf Classification under Limited Data

ROSSY NURHASANAH , ADE SARAH HUZAIFAH , MUHAMMAD TAUFIK , CUT NASYWA YUMNA

2025
Jurnal nasional

COMMUNITY-BASED PRODUCTION OF LIQUID SMOKE AS A NON-CARCINOGENIC FISH PRESERVATIVE:-

ROSSY NURHASANAH , MUHAMMAD TAUFIK , BOBY CAHYADY , MARIANY RAZALI , PINGKAN MASRUROH , NABILAH AZKA AZZAHRAH

2025
Jurnal nasional terakreditasi

Topic Modelling on Beauty Product Reviews Using Latent Dirichlet Allocation

ADE SARAH HUZAIFAH , ROSSY NURHASANAH , R. A. FATTAH ADRIANSYAH

2024
Jurnal nasional terakreditasi

Penerapan Probabilistic Neural Network pada Klasifikasi Patogen Daun Bibit Jabon Berdasarkan Ciri Morfologi Spora

YENI HERDIYENI , MELLY BR BANGUN , ROSSY NURHASANAH , ELIS NINA HERLIYANA

2023
Jurnal internasional bereputasi

COMBINING SIGNAL TO NOISE RATIO AND UNDERSAMPLING IN SINGLE NUCLEOTIDE POLYMORPHISMS IDENTIFICATION

AGUS BUONO , ROSSY NURHASANAH , WISNU ANANTA KUSUMA

2023
Jurnal internasional

COMBINING SIGNAL TO NOISE RATIO AND UNDERSAMPLING IN SINGLE NUCLEOTIDE POLYMORPHISMS IDENTIFICATION

ROSSY NURHASANAH

2023
Jurnal nasional terakreditasi

Upaya Mitigasi dan Adaptasi Perubahan Iklim melalui Media Permainan Anak Atteropoly kepada Anak Usia Sekolah Dasar

ROSSY NURHASANAH , INDRA CHAHAYA , WINNI R. E. TUMANGGOR

2022
Prosiding seminar internasional

Performance testing of the thermal conductivity measuring equipment on particle board isolators

AZHARI , TULUS IKHSAN NASUTION , ROSSY NURHASANAH

2022
Jurnal internasional bereputasi

TWEETS SENTIMENT ON PPKM POLICY AS A COVID-19 RESPONSE IN INDONESIA

ROSSY NURHASANAH

2021
Prosiding seminar internasional

Design and Implementation of IoT based Automated Tomato Watering System Using ESP8266

ROSSY NURHASANAH

2020
Prosiding seminar internasional

Feature Selection Approach for Solving Imbalanced Data Problem in Single Nucleotide Polymorphism Discovery

ROSSY NURHASANAH

2026
Prosiding seminar internasional

Hybrid Aspect-Based Sentiment Analysis and Net Reputation Score for Product Ranking from User Reviews

ROSSY NURHASANAH

Researches

2024

PENENTUAN RATING PRODUK BERBASIS MULTI-KRITERIA MENGGUNAKAN PENDEKATAN TEXT MINING DAN NET REPUTATION SCORE

ADE SARAH HUZAIFAH , ROSSY NURHASANAH

2021
Ipteks Bagi Inovasi Kreativitas Kampus

Pengujian Sifat Kehantaran Termal dan Sifat Penyerapan Bunyi Bahan Serat Tandan Kosong Kelapa Sawit

AZHARI , TULUS IKHSAN NASUTION , ROSSY NURHASANAH , TASYA AULIA DWINANDA

2020
Penelitian Hibah Bersaing

Self-Care Nursing Berbasis E-Madan di Kota Medan

ROSSY NURHASANAH , RENI ASMARA ARIGA , ASRIZAL

Community Services

2025
Ipteks Bagi Kewirausahaan

kata kata

ROSSY NURHASANAH

2024

Pembuatan asap cair dari arang batok kelapa untuk pengawet ikan non karsinogenik dalam rangka peningkatan ekonomi masyarakat di Desa Manunggal, Kecamatan Labuhan Deli, Kabupaten Deli Serdang Sumatera Utara

BOBY CAHYADY , ROSSY NURHASANAH , MUHAMMAD TAUFIK

2024

Pembuatan asap cair dari arang batok kelapa untuk pengawet ikan non karsinogenik dalam rangka peningkatan ekonomi masyarakat di Desa Manunggal, Kecamatan Labuhan Deli, Kabupaten Deli Serdang Sumatera Utara

BOBY CAHYADY , ROSSY NURHASANAH , MUHAMMAD TAUFIK

2023

PEMANFAATAN SAMPAH ORGANIK PASCAPANEN PADA KELOMPOK TANI BUKIT RUMAH SENDI DESA UJUNG SAMPUN KECAMATAN DOLAT RAKYAT KABUPATEN KARO UNTUK BUDIDAYA MAGGOT SEBAGAI ALTERNATIF PENYEDIAAN PAKAN TERNAK GUNA PENINGKATAN PEREKONOMIAN MASYARAKAT

BOBY CAHYADY , ROSSY NURHASANAH , MUHAMMAD TAUFIK

Intellectual Property Rights

2024
Hak cipta nasional

Vigilanter: Sistem Pendeteksian, Pelaporan, Dan Peringatan Kriminal 3C Jalan Raya Terintegrasi IoT Dengan Computer Vision Dan Voice Recognition Untuk Keamanan Modern Di Kota Medan

ANUGRAH SYAHPUTRA SIBARANI , MUHAMMAD SYUKRON JAZILA , MUHAMMAD DZAKWAN ATTAQIY , ROSSY NURHASANAH

2024

Hak cipta nasional

Digestify: Aplikasi Pembelajaran Interaktif Sistem Pencernaan Manusia Berbasis Augmented Reality Dan Model 3D

ROSSY NURHASANAH

2020
Hak cipta nasional

Buku Panduan Penyusunan RPS, SAP dan Kampus Merdeka

MUHAMMAD KHALIQI , ELY HAYATI NASUTION , MUHAMMAD TAUFIK , RENI ASMARA ARIGA , M. HADYAN YUNHAS PURBA , SITI ZAHARA NASUTION , ROSSY NURHASANAH
