

October Newsletter 2024 ISSUE#34

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"Education is the most powerful weapon which you can use to change the world."

Nile University

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— Nelson Mandela

PARTNERSHIPS



Partnerships MOU between Nile University, Baseera Foundation, and Western Michigan University, USA

Nile University has formalized a partnership through a Memorandum of Understanding (MOU) with the Baseera Foundation and Western Michigan University, USA. This collaboration aims to develop a series of diplomas and specialized training courses for individuals with visual impairments, alongside training programs designed to enhance the skills of professionals working with this community, fostering more inclusive interactions across various fields.

The MOU was signed in the presence of esteemed representatives, including Dr. Wael Akel, President of Nile University; Dr. Nevine Abdel Khalek, Dean of the School of Continuing Education; Dr. Doaa Mabrouk, Chairperson of the Baseera Foundation; Dr. Kathleen Leider; and Professor Robert Emerson from Western Michigan University.



Partnerships

"Decision Maker" Program with The Military Academy

The School of Continuing Education recently completed the first round of its "Decision Maker" program, conducted under the Memorandum of Understanding (MOU) with The Military Academy for Postgraduate and Strategic Studies. This intensive program attracted 45 participants from diverse backgrounds, providing them with a comprehensive understanding of essential leadership and decision-making frameworks.

Throughout the program, learners explored:
Core principles of effective decision-making
Strategic analysis and risk assessment techniques
National and international policy-making processes
Tools for fostering resilience in complex environments
The impact of communication on influencing public opinion
Approaches to managing crises and strengthening national unity

This program underscored the critical skills and knowledge required for decision-makers to respond effectively to modern challenges, promoting enhanced leadership capabilities vital for Egypt's growth and stability.



ACHIEVEMENTS



Business Students Win National "Fintech Got Talent" Competition for the Second Year!

We are pleased to announce that our business students have secured first place in the "Fintech Got Talent" competition for the second consecutive year. This prestigious national competition featured participation from 30 universities across Egypt and was part of the FinYology initiative, led by the Central Bank of Egypt (CBE) in collaboration with the Egyptian Banking Institute (EBI) to advance fintech education in the country.

The winning team, comprising Farah El-Hayes, Habiba Ahmed, Farida Khalifah, Seif El-Den Mostafa, and Mariam Medhat, presented their graduation project, "UniPay." This innovative fintech solution enables universities to efficiently track student payments and manage finances, while providing students with a unified, secure platform for viewing and processing transactions.

In addition to the financial prize, the team has been awarded the opportunity, provided by EGBank, to join the MINT Incubator program and participate in the Arab Fintech Challenge at GITEX NorthStars in Dubai.

This remarkable achievement represents a significant milestone for our students as they embark on their entrepreneurial careers post-graduation. We are immensely proud of their dedication and commitment to making a positive impact in the fintech sector.



SME Credit Course Graduation

The School of Continuing Education proudly celebrated the completion of its intensive 120-hour SME Credit course, dedicated to equipping professionals with advanced skills in small and medium enterprise financing. The program delivered comprehensive insights into credit strategies, lending policies, and financial management techniques essential for driving growth in the SME sector.

The graduation ceremony included an engaging discussion led by instructors, where participants reflected on the course's impact and the practical applications of what they learned. This collaborative discussion provided graduates with added perspectives on navigating the dynamic landscape of SME financing.

Following the discussion, certificates were distributed to each graduate, recognizing their commitment and successful completion of the program. The certificates symbolize their readiness to make meaningful contributions to SME development, supporting both business resilience and economic growth.



Al-Akhbar newsletter Egypt

We are pleased to announce that Dr. Lobna Said has been featured in AlAkhbar newsletter for her pioneering work in the field of cybersecurity. Her recent research introduces a novel scientific approach to securing online transactions by utilizing chaos theory to mitigate cyber threats. This innovative methodology aims to enhance cybersecurity measures and establish a robust defense against malicious online attacks.

The article emphasizes Dr. Lobna's significant contributions to the field and the impact of her research on advancing internet security. We commend Dr. Lobna Said for her dedication and for her efforts to enhance Nile University's role in addressing critical cybersecurity challenges.



Dr. Lobna Said Representing Nile University at TWISE "Researchers Take the Stage" Workshop



We are excited to share that Dr. Lobna Said participated in TWISE "Researchers Take the Stage" workshop. Scheduled for September 24-27, 2024, at the University of Sousse, Tunisia, this event is part of the European TWISE Night project, focusing on the theme "Research Versus Community: Connecting to Identity."

Dr. Lobna joined researchers from around the world to engage in discussions on bridging research and community identity. Her presence highlighted Nile University's commitment to global collaboration and impactful contributions to science popularization.

Research Assistant khlood Ahmed Wins Second Place at "Khaleeha Wa Jadeedha" Hackathon for Environmental Solutions

We are proud to announce that Khlood Ahmed, Research Assistant at the Smart Engineering Research Center (SESC) and master's scholar at IHE Delft, achieved second place in the "Khaleeha Wa Jadeedha" Hackathon for Environmental Solutions, organized by the Arabian Cement Company and Nahdet El Mahrousa. Khlood presented an innovative project aimed at recycling and reusing carbon for cement integration and CO₂ capture, promoting sustainable environmental practices.

Her project focuses on producing high-quality, cost-effective recycled materials using agricultural waste. This initiative provides an inventive model for CO₂ capture, with potential applications across various industries, supporting the shift towards sustainable resource use. Congratulations to Khlood Ahmed on this remarkable achievement and her contribution to environmental impact solutions!



Dr. Lobna Said Completes Africa Science Leadership Program (ASLP) Fellowship

We are pleased to announce that Dr. Lobna Said, Associate Professor at Nile University, has successfully completed the Africa Science Leadership Program (ASLP) 9.2 Fellowship. This transformative experience has significantly enhanced Dr. Lobna's approach to science leadership, reinforcing her commitment to sustainable development in Africa. The ASLP Fellowship has provided Dr. Lobna with advanced tools and

strategies to promote scientific innovation, mentorship, and global collaboration. Through her connections with fellow science leaders, she is now part of a network dedicated to tackling Africa's most pressing challenges.

Congratulations to Dr. Lobna on this remarkable achievement, which marks a significant milestone in her ongoing dedication to advancing sustainable development across the continent.



Dr. Tamer AbuElFfadl at the 2024 International Microwave and Antennas Symposium

We are thrilled to announce that Dr. Tamer AbuElFadl recently participated in the 2024 International Microwave and Antennas Symposium in Marrakesh, Morocco, held from October 21-24. Dr. AbuElFadl served as Technical Program Committee (TPC) Co-Chair and chaired two key sessions: RF/ Microwave Circuits and Systems 3 and S9 (RF/Microwave Circuits and Systems 4).

In addition to his co-chairing responsibilities, Dr. AbuElFadI attended the IEEE Microwave Theory and Techniques Society (MTT-S) Chapter Chairs meeting on October 22 as part of the MTT-S chapter activities, engaging with global leaders to drive advancements in microwave and antenna technologies.

Congratulations to Dr. AbuElFadl for his invaluable contributions to this esteemed event!







The 6th Novel Intelligent and Leading Emerging Sciences International Conference

The 6th Novel Intelligent and Leading Emerging Sciences (NILES) International Conference took place from October 19-21, 2024, at Nile University, bringing together top minds from the fields of engineering and technology. The event featured over 125 cutting-edge papers presented by researchers from around the globe, covering key areas such as Electrical Engineering, Communication Technologies, Industrial and Mechanical Engineering, Computer science, and Biomedical Applications.

The conference was marked by insightful keynote speeches, engaging panel discussions, and lively technical sessions, providing attendees with the opportunity to exchange ideas, share their latest findings, and foster collaborations. With participants from over +110 University and corporations, from 24 Countries.

The three-day event also included workshops on emerging technologies and hands-on sessions that highlighted real-world applications. Attendees were able to engage with leading experts and innovators, making the event a key highlight in the Leading Emerging Sciences calendar.

- IEEE#63360 and its accepted papers published in Scopus database.
- 281 submitted papers, 800 Authors, +110 University and corporations, from 24 Countries.
- 126 accepted papers, 640 reviews, with an acceptance rate of 44.8%
- 4 International Keynote Speakers, from USA, UK, Greece.
- 2 funded workshops (STDF & British Council), 15 Speakers
- 250+ Attendees during the 3 days of the conference

Training in Aswan "Introduction to Small and Intermediate Enterprises Management Course"

The School of Continuing Education (SCE) at Nile University has successfully conducted a comprehensive training program entitled "Introduction to Small and Intermediate Enterprises Management Course". This comes as part of the development strategy for Upper Egypt's largest industrial project, the AI-Geneina and AI-Shabak Craft Industrial Zone in Nasr AI-Nuba, Aswan. As part of this initiative, Aswan Governor Dr. Ismail Kamal met with the team from the School of Continuing Education, Nile University and the national "Ebdaa" initiative for developing Egyptian industry. During the meeting, attended by Deputy Governor Eng. Amr Lashin, Dr. Kamal highlighted that Aswan is experiencing a wave of developmental projects in line with the New Republic vision, with the AI-Geneina and AI-Shabak Industrial Zone at the forefront. This promising zone is being developed with unprecedented state-provided facilities to encourage Nubian youth and investors to quickly activate all 308 craft units and workshops, aiming to position the area as a strategic gateway to African markets.



Speaker of The Global Congress on Population, Speaker of Health, and Human Development (PHDC'24) is happening

Speaker of the second edition of PHDC that has evolved to become the Global Congress on Population, Health, and Human Development (PHDC'24), under the auspices of H.E. President Abdel Fattah El-Sisi addressing pivotal topics such as education, equity, and economic empowerment under the theme "Human Development for a Sustainable Future." of Session: How digital transformation can empower patients and clinicians.



Empowering Learning through Real-World Insights: Joud Food x NU Business School Collaboration

This year, the Business School is collaborating with Joud Food as part of our belief that experiential learning and linking our students to real market challenges is an instrumental element in their educational journey. Yesterday, we had the pleasure of welcoming our guest, Mr. Mohamed Gamal, the founder of Joud Food, to give our students a first-hand brief about their project.

Mr. Mohamed's session was very inspirational as an entrepreneur who started his business from his room with a vision to be the trusted brand that brings the goodness of nature into every home to customers, both B2C and B2B. Today, the brand is experiencing exponential growth in both the local and export markets, including the Gulf and Latin America. The brand offers different product lines such as honey, olive oil, syrup, sauces, and puree.

Mohamed Gamal is a food science graduate with a passion for entrepreneurship and marketing. After working in quality assurance at Juhayna, he transitioned into digital marketing and founded Joud Food in 2018 and Co-Craft in 2024. He holds a master's degree in business administration.

We wish our students a strong kickoff and the best of luck with their project. This comes as part of the B2B Marketing course under the supervision of Dr. Noha Alaa and TA Menna Magdy.



SESSIONS,CONFERENCES & WEBINARS



NU Sessions

Skills and Employability Enhancement Center / Students Affairs



This month, we had the pleasure of participating in the annual Club Festival on our campus, where all NU clubs came together to showcase their offerings and engage with students.

As the NU Career Center, we set up to connect with students and highlight the services, programs, and events we provide. It was amazing to offer resume reviews and conduct mock interviews, helping students better prepare for their extracurricular activity interviews.

Being part of this event was incredibly rewarding for both us and the students. It allowed us to provide them with essential tools to succeed. We are grateful for the opportunity and look forward to continuing to support their growth and success!

University Fairs & Visits FAIRS & VISITS



University Fairs & Visits

New Cairo ZoneED Fair



The university kicked off the new season with an exciting first big fair! Highlighting the vibrant student life at NU, both NUMUN and RPM participated in the fair, showcasing the diverse extracurricular activities and communities available to students. Their presence added a dynamic element, allowing prospective students to envision their future at our university.

School Fairs

- Winchester British School- 6th of October
- NIS- Nasr City
- Rajaac International School- Ismailia Road
- New El Quds International School-Alexandria
- Own Heliopolis Schools- Heliopolis
- Maadi Narmer School- Maadi
- Kaumeya Language School- Alexandria
- Egyptian Language school- 6 October
- Genesis International School- New Cairo
- Stanford International School- New Cairo
- English Language School- Katameya
- Nefertari Schools- 6th of October
- Capital International School- New Cairo
- Manchester International School- New Cairo





University Fairs & Visits

Catholic French Schools Fair



NU participated in the Sacre Coeur French Schools Fair, welcoming students from acrosstheFrenchCatholicschoolnetwork. Dr. Menna Kaoud and Ms. Gina Mouafy delivered an engaging presentation that highlighted our university's partnerships with Clermont School of Business in France, and showcasing the collaborative opportunities available to students.

NU Ambassadors Kick Off Training



The Student Recruitment office is excited to announce the recruitment of our new team of NU Ambassadors for the upcoming season. They recently gathered for their first training session, marking the official start of a dynamic year ahead. This training aims to equip ambassadors with the tools and knowledge they need to effectively represent our university, share their experiences, and connect with prospective students.

Alexandria ZoneEd Fair

Alexandria's vibrant market plays a crucial role in our university's student body, providing a rich pool of diverse talent and perspectives. By engaging with local students, we strengthen our ties to the community.



STUDENT LIFE



IEEE Egypt Section Day



The IEEE Nile University Student Branch proudly organized two impactful events this month, marking significant achievements for our community. IEEE Egypt Section Day 2024, held on October 11, with over 600 participants from more than 70 student branches across Egypt. The event brought together all IEEE Egypt Section leader, including the Chair, Vice Chair, Secretary, and Treasurer. It featured engaging activities aimed at building connections and teamwork, giving our members a unique chance to interact with key figures in the IEEE community. It was a day filled with energy, and our members actively contributed to its success.

IEEE: NILES Conference 2024



NILES 2024 Conference, held on October 19, 20, and 21, in collaboration with the NU Research Office and IEEE Egypt Section, with our branch leading the organization. This prestigious conference aimed to publish research papers in the IEEE Xplore library. It featured four keynote speakers from London, the U.S.A and Greece, along with two high level workshops. Organizing this large-scale event was a major achievement, showcasing our ability to manage and support academic excellence at the highest level.

ICPC NU: the Filtration Contest, Training Sessions, and Club Festival participation



Our club kicked off the year with three exciting events: the Filtration Contest, Training Sessions, and Club Festival participation! The Filtration Contest identified promising coders through friendly competition, setting an encouraging tone and selecting participants for training. The Training Sessions, designed for beginners and Level 1 members, provided hands-on exercises and expert guidance, sparking curiosity and building foundational skills for future challenges. Meanwhile, our Club Festival booth became a hub of excitement, showcasing projects, sharing success stories, and attracting new members eager to join our collaborative community. These events have ignited enthusiasm and set the stage for a dynamic year of growth and coding adventures!

RPM Club Completes 80-Hour Robotics Course with 50 Graduates





The RPM Club is excited to announce the successful completion of its 80-hour Robotics course, which covered Electronics, Control, and SolidWorks. Over the past weeks, nearly 50 dedicated students immersed themselves in hands-on learning, gaining skills that will serve them well in the field of robotics. The course concluded with each student presenting a final project, showcasing their creativity and technical abilities. Their work sparked valuable discussions with the club's expert trainers, who bring extensive experience from academia, industry, and competitions, both locally and internationally. Their mentorship has been essential in guiding these budding innovators. RPM extends special thanks to TRAM Academy and the NilePreneurs Initiative for their support, which was crucial to the program's success. The club is proud of its graduates and looks forward to their future contributions to the world of robotics.

Wessal-NU: Interviews - board meeting- club festival

Interviews with the new members and sending emails so the team of Wessal NU is complete now. We are making a meeting board to discuss the upcoming event and how we benefit Wessal, club festival, we did a lot of fun activities to grab attention from new members, and we succeeded at that.



Students' Achievements: Nile University Student Represents NU at COP Simulation Conference



We're proud to announce that one of our exceptional students recently participated in a COP simulation conference, standing out as the sole representative from Nile University! This prestigious opportunity enabled her to actively engage in important discussions on global climate issues, including the newly proposed rules set to be addressed in Azerbaijan this November. Her participation highlights the drive and dedication of our students to take on global challenges and advocate for impactful solutions. By contributing her insights and ideas, she exemplified the spirit of Nile University—leading, innovating, and inspiring. We're thrilled to see our students taking the initiative to make their voices heard on the international stage. Congratulations, and keep up the incredible work.

Students' Achievements: Rana Kamal to Represent Egypt at the RCOY MENA 2024 in Jordan



We are thrilled to announce that Rana Kamal has been selected as a delegate to represent Egypt at the Regional Conference of Youth (RCOY) MENA 2024 in Jordan! This significant platform gathers young environmental leaders from across the Middle East and North Africa to discuss urgent climate issues, share innovative solutions, and contribute to policy dialogues leading up to COP with the UN. Amid recent challenges, we are incredibly proud of courageous students like Ranaa, who will join other delegates in Amman to work on policy writing and develop environmental clauses advocating for climate justice, environmental equity, and peace at COP29. Rana will not only represent Egypt but also the Greenish Club NU, a club she co-founded to promote environmental awareness and sustainability. Her commitment to these causes demonstrates the strength of youth-led initiatives for a more sustainable future.

ALUMNI



Alumni Business Exchange: Support Your Fellow Alumni and Grow Together

We're thrilled to relaunch the Alumni Business Exchange: Support Your Fellow Alumni and Grow Together initiative for the second time! We designed this program to encourage alumni to exchange products and services, collaborate, and drive mutual growth within our alumni community. Through this initiative, alumni can support each other's success, build stronger professional networks, and strengthen the alumni community's impact on the business world.

Support Your Fellow Alumni and Grow Together

Alumni Spotlight: Sherif Sadek, Class of 2013

We are pleased to highlight Sherif Sadek, a distinguished member of the Class of 2013 who earned his Master of Science in Management of Technology (MOT) from Nile University. Sherif has recently taken on a new role as Digital Operations Director at eHealth, where he will spearhead innovative digital strategies to optimize operations and deliver impactful results within the healthcare sector.

With a solid background in business development and technology management, Sherif previously served as Head of Business Development Alliances at eHealth. In that capacity, he played a pivotal role in establishing high-value partnerships, fostering collaborations, and advancing the company's strategic objectives in the digital healthcare arena. His vision and dedication have been instrumental to eHealth's growth, reflecting his commitment to making a positive impact through technology and cooperative efforts.

As Sherif embarks on this new leadership journey, we celebrate his achievements and the expertise he brings to every endeavor. His career exemplifies the spirit of Nile University alumni who consistently strive to drive innovation and create lasting value in their fields. We are proud of Sherif's accomplishments and look forward to witnessing the remarkable contributions he will make as he leads advancements in digital healthcare.



Spotlight on Yara Khalid: A Journey from NU to Giza Systems

We are delighted to share that Yara Khalid, a distinguished 2023 graduate with a bachelor's degree in engineering, specializing in mechatronics, robotics, and automation, has recently embarked on an exciting career journey as a software test engineer at Giza Systems' Headway. Prior to this, Yara contributed as a teaching assistant at Nile University, demonstrating her commitment to academic excellence and mentorship.

In addition to her academic and professional accomplishments, Yara made a remarkable impact through her extracurricular activities. She founded the Google Developer Student Clubs at NU and served as an Electrical Engineer with RPMNU, showcasing her dedication to both innovation and community. Congratulations to Yara on her achievements, and we look forward to seeing her continued success!



Alumna Kholoud Elwan: A Journey of Excellence from NU to Global Impact

We are proud to celebrate the accomplishments of NU alumna Kholoud Elwan, who graduated in 2014 with highest honors in Industrial Engineering and Service Management. Kholoud currently excels in her role as a Regional Customer Success Partner and SPOC, RISE with SAP PCE for EMEA South at SAP, having previously held the position of Senior Customer Success Manager.

Adding to her impressive journey, Kholoud has recently begun her Executive MBA at the University of Bradford. Notably, Kholoud achieved a double degree, earning her bachelor's in industrial engineering from the Rochester Institute of Technology in 2013 through our university's study abroad program, which opens global opportunities for NU students.

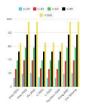
Kholoud's achievements inspire our community and showcase the value of dedicated learning and international experience. We wish her every success in her Executive MBA journey and look forward to more of her accomplishments!





PUBLICATIONS

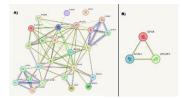


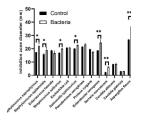


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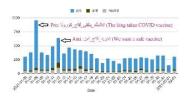


A Comprehensive Comparative Analysis of Deepfake Detection Techniques in Visual, Audio, and Audio-Visual Domains

Bekheet, Ahmed Ashra[®] 🖾 ; Ghoneim, Amr^a 🖾 ; Khoriba, Ghada[®] 🖾 💽 Sare all to author list

⁴ Holwan University, Faculty of Computers and Artificial Intelligence, Computer Science Department, Cairo, Egypt: ¹ School of Information Technology and Computer Science (ITCS), Nile University, Centre for Informatics Science (CIS), Cia, Egypt

Numerical Investigation for a Two-Dimensional Moving Happing Wing Human Laterat Auto-Bit (South Auto-Barth Auto-Bit South State Auto-Bit (South Auto-Barth Auto-Bit South State Auto-Bit (South Auto-Bit Auto-Bit Auto-Barth Auto-Bit (South Auto-Bit Auto-Bit Auto-Bit Auto-Bit Auto-Bit Auto-Bit (South Auto-Bit Auto-Bit Auto-Bit Auto-Bit Auto-Bit (South Auto-Bit Auto-Bit Auto-Bit Auto-Bit Auto-Bit Auto-Bit (Auto-Bit Auto-Bit Auto-Bit Auto-Bit Auto-Bit Auto-Bit (Auto-Bit Auto-Bit Auto-Bit Auto-Bit Auto-Bit Auto-Bit Auto-Bit (Auto-Bit Auto-Bit Auto-Bi



CHAM-CLAS: A Certificateless Aggregate Signature Scheme with Chameleon Hashing-Based Identity Authentication for VAN NU Authors: Ahmad Mohamad Kabil, Heba Kamal Aslan, Marianne Amir Azer Source: Cryptography

Species-specific ecotoxicity of platinum nanoparticles to two cyanobacteria NU Authors: Abdelrahim H.A. Hassan Source: Marine Pollution Bulletin

LncRNAs orchestration of gastric cancer - particular emphasis on the etiology, diagnosis, and treatment resistance NU Authors: Abdulrahman Hatawsh

Source: Functional and Integrative Genomics

Innovative approaches to metabolic dysfunction-associated steatohepatitis diagnosis and stratification NU Authors: Abdelrahman Khaled Source: Non-coding RNA Research

Inoculation with Jeotgalicoccus sp. improves nutritional quality and biological value of Eruca sativa by enhancing amino acid and phenolic metabolism and increasing mineral uptake, unsaturated fatty acids, vitamins, and antioxidants NU Authors: Abdelrahim H.A. Hassan Source: Frontiers in Plant Science

A Comprehensive Comparative Analysis of Deepfake Detection Techniques in Visual, Audio, and Audio-Visual Domains NU Authors: Ghada Ahmed Khoriba

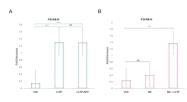
Source: 2nd International Conference of Intelligent Methods, Systems and Applications, IMSA 2024

Numerical Investigation for a Two-Dimensional Moving Flapping Wing NU Authors: Amr G. Guaily

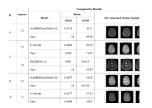
Source: Unmanned Systems

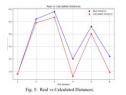
ArFakeDetect: A Deep Learning Approach for Detecting Fabricated Arabic Tweets on COVID-19 Vaccines

NU Authors: Ensaf Hussein Mohamed



DiDBiT-TMT: A Novel Method to Quantify Changes in the Proteomic Landscape Induced by Neural Plasticity NU Authors: Mariam Gamaleldin Source: Journal of Proteome Research

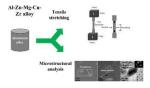


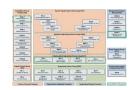


Mechanical and environmental performance assessment of cotton stalk composites with natural adhesives for sustainable construction materials

Ibrahim, Rana Adel^a 🔤 ; Elhady, Sherifa^a; Inan, Hatice^a; Azouz, Mona^b; Fahim, Irene Samy^{a, c}

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Source: Journal of Proteome Research

Stage U-net framework: Streamlining MRI reconstruction from undersampled K-space NU Authors: Aya Mohamed Elbehairy, Mustafa A. Elattar

Source: Proceedings of the World Congress on Electrical Engineering and Computer Systems and Science

Beyond sight: Distance-aware LVMs for smarter navigation NU Authors: Abdelrahman Saeed, Saher Mohamed, Abdelrahman Lotfy, Kirollos Saleh, Kareem Rezk, Shahenda Hatem, Ghada Ahmed Khoriba, Tamer Arafa

Source: Proceedings of the World Congress on Electrical Engineering and Computer Systems and Science

Mechanical and environmental performance assessment of cotton stalk composites with natural adhesives for sustainable construction materials

NU Authors: Rana Adel Ibrahim, Sherifa ElHady, Hatice Inan, Irene Samy Fahim

Source: Journal of Material Cycles and Waste Management

Investigating the Microstructural Impact of Tensile Stretching on Al-ZnMg-Cu Alloys: Dislocation-Precipitate Interactions NU Authors: Mohamed A. Afifi

Source: Journal of Materials Engineering and Performance

Automotive Cybersecurity Engineering Standardization and Regulation: An Integrated Model

NU Authors: Ahmed Adel Mohamed, Heba Kamal Aslan, Tamer Arafa Source: Communications in Computer and Information Science

HistoryQuest: Arabic Question Answering in Egyptian History with LLM Fine-Tuning and Transformer Models NU Authors: Samaa Maged, Asmaa ElMaghraby, Ali Marzban, Mohamed Essawey, Amira Ahmed, Esraa Negm

Uni-Buddy: A Multifunctional AI-Powered Assistant for Enhancing University Life: A Use Case at Nile University

Hamdy, Ahmed^{*} (2) ; Heisla, Ahmed^{*} (2) ; Email, Adham^{*} (2) ; Mohy, Khaid^{*} (2) ; Yaxee, Mohamed^{*} (2) ; Hub, Ahmed^{*} (2) ; Montha, Ghada^{*} (2) ; Ehbaer, Zepad^{*} (2) ; Save all to author list

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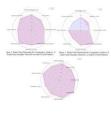


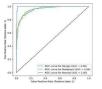
Analysis of the current situation of pharmacogenomics in terms of educational and healthcare needs in Egypta and Lebanon building and the state of t

Sustainable Energy-Aware Task Scheduling for Wearable Medical Device Using Flower Pollination Algorithm

Mehamed, Samah^a 😂 : Elbayoumi, Mahmoud^b 😂 : Soltan, Ahmed^a 😂 : Darweeth, M. Saeed^a 😂 👰 Save all to author list

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ArabicQuest: Enhancing Arabic Visual Question Answering with LLM Fine-Tuning Impleted, Koma 🗃 ; Maged, Sama 🗃 ; Impleted Reads Sama 🗃 ; Impleted Reads Sama 🗃 ;

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Uni-Buddy: A Multifunctional Al-Powered Assistant for Enhancing University Life: A Use Case at Nile University

NU Authors: Ahmed Hamdy, Ahmed Heikal, Adham Emad, Khaled Mohy, Mohamed Yasser, Ahmed Ehab, Ghada Ahmed Khoriba, Zeyad Elshaer

Source: 2nd International Conference of Intelligent Methods, Systems and Applications, IMSA 2024

RSDiff: remote sensing image generation from text using diffusion model

NU Authors: Mohamed A. ElHelw

Source: 2nd International Conference of Intelligent Methods, Systems and Applications, IMSA 2024

Analysis of the current situation of pharmacogenomics in terms of educational and healthcare needs in Egypt and Lebanon NU Authors: Asmaa Mohammed Aly Abushady, Mariam Gamaleldin Source: Pharmacogenomics

Sustainable Energy-Aware Task Scheduling for Wearable Medical Device Using Flower Pollination Algorithm

NU Authors: Ahmed Soltan, M. Saeed Darweesh

Source: 2nd International Conference of Intelligent Methods, Systems and Applications, IMSA 2024

Development of a multimodal framework for deepfake detection: Combining visual and audio analysis

NU Authors: Ghada Ahmed Khoriba, Amr S. Ghoneim Source: Proceedings of the World Congress on Electrical Engineering and Computer Systems and Science

Computer-Aided System for Breast Cancer Lesion Segmentation and Classification Using Ultrasound Images

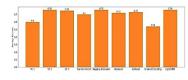
NU Authors: Ahmed F.Elnokrashy Source: IFMBE Proceedings

ArabicQuest: Enhancing Arabic Visual Question Answering with LLM Fine-Tuning

NU Authors: Asmaa ElMaghraby, Samaa Maged, Mohamed Essawey, Rawan Elfaramawy, Esraa Negm, Ghada Ahmed Khoriba

Source: 2nd International Conference of Intelligent Methods, Systems and Applications, IMSA 2024

Intelligent Real-Time Hypoglycemia Prediction for Type 1 Diabetes NU Authors: Ahmed F.Elnokrashy



Automated Deep Learning Pipeline for Accurate Segmentation of Aortic Lumen and Branches in Abdominal Aortic Aneurysm: A Two-Step Approach

$$\label{eq:constraint} \begin{split} & \lim_{n\to\infty} I_n(n) \in \mathbb{R} \\ & \lim_{n\to\infty} I_n(n) \in$$

Early Skin Cancer Detection Based on MobileNet & VGC-16 International Control (1997) Monthshared (1997) International Control (1997) Stand and and and Stand (1997) Stand and and and Stand (1997) *Shard a Captornia of Apple Storems, Nith Internity, Ginz, Egget *Shard a Captornia of Apple Storems, Nith Internity, Ginz, Egget

Detection and Prediction of Future Mental Disorder From Social Media Data Using Machine Learning, Ensemble Learning, and Large Language Models NU Authors: Nermin Kamal Abdel Wahab Negied

Source: IEEE Access

Automated Deep Learning Pipeline for Accurate Segmentation of Aortic Lumen and Branches in Abdominal Aortic Aneurysm: A Two-Step Approach

NU Authors: Ahmed F.Elnokrashy

Source: 2nd International Conference of Intelligent Methods, Systems and Applications, IMSA 2024

Early Skin Cancer Detection Based on MobileNet & VGG-16 NU Authors: Abdelrahman Ezzat, Mazen Mobtasem, Salma Moustafa, Mohamed Elmeligy, M. Saeed Darweesh