

August Newsletter 2024 ISSUE#32

"Success is not final, failure is not fatal: It is the courage to continue that counts."

– Winston Churchill

Nile University





5th Egyptian Junior Researcher Competition the 18th Undergraduate Research Forum



Nile University hosted the 18th edition of the Undergraduate Research Forum (UGRF) on August 18, 2024. Since its inception in 2015 with just one course, the UGRF has grown steadily each year. By 2020, with the 10th edition, it evolved into a national competition, and by the 20th UGRF, it is set to become an international event. This semester's special edition, marking the 5th Egyptian Junior Researcher Competition, featured 587 projects from 40 universities and 120 schools across 120 cities in Egypt. Sponsored by IEEE Humanitarian Technologies and Beko Egypt, the forum welcomed 400 students and a distinguished jury from 32 academic and industrial institutions. The event introduced new tracks in Accessibility Challenges and Sustainable Technology, alongside a competition focused on sustainable home appliances.

Summer Day Camp for Youth



The School of Continuing Education at Nile University is pleased to announce the successful completion of its Summer Day Camp for Youth. Over the course of two months, more than 200 young learners participated in three exciting programs: Al Explorer, Robotics & Soft Skills, and Young Entrepreneur. These programs were meticulously designed to spark innovation and build essential skills in artificial intelligence, robotics, and entrepreneurship. The camp provided a hands-on learning environment, allowing students to apply their knowledge in real-world scenarios while also developing vital soft skills. The dedication of both the learners and the School of Continuing Education team played a crucial role in the camp's success. The camp concluded with a showcase of the students' projects, highlighting their creativity and growth. Nile University continues to empower the youth through such impactful educational initiatives.



English Enhancement Program for Youth



The School of Continuing Education at Nile University is excited to announce the launch of the English Enhancement Program for Youth, aimed at improving language skills among young learners. This program, set on the vibrant NU campus, is designed to provide students with an immersive and interactive learning experience. Over the course of the program, participants will engage in a variety of activities focused on enhancing their speaking, listening, reading, and writing skills. The program emphasizes practical language use in realworld scenarios, helping students build confidence and fluency in English. With experienced instructors and a supportive learning environment, the English Enhancement Program is poised to be a transformative experience for all participants.

Key Informant Interview: Gender Based Violence in Higher Education Institutions in Africa and the Middle East

In a recent interview, Dr. Irene discussed the challenges and effectiveness of gender-based violence (GBV) policies in higher education institutions across Africa and the Middle East. She highlighted the importance of stronger, more inclusive measures to ensure safer campuses, while addressing the cultural and social factors that influence policy enforcement. The conversation underscores the need for continued efforts to combat GBV within academic settings.



Professor Hassan Aly Chairs Judging Committees for DBA Candidates at the Arab Academy



By invitation from the Arab Academy for Science, Technology, and Maritime Transport, and the Dean of the Graduate School of Business, on September 1st, Professor Hassan Aly served as an external examiner and chair of the judging committees of two DBA candidates (Mr. Sherif Moawad and Ahmed Haridy). Sherif's thesis is entitled "Investigating the Factors that Lead to Online Micro-enterprises Success Using Financial Wellness as an Indicator: A Case Study in Egypt," whereas Ahmed's thesis is entitled "Digitalization and Energy Consumption's Impact on Egypt's Economic Growth" Prof. Doaa Salman (from MSA) is the main advisor of the two candidates, Prof. Ahmed Seddawy (AASTMT) is the co-advisor for the first student and Prof. Islam Abd El Barry is the co-advisor for the second candidate.

SESSIONS, CONFERENCES & WEBINARS



NU Sessions

Orientation Session for Biotechnology Students



SEEC Office held an orientation session for biotechnology students on July 10th to provide students with information about available training and internship opportunities at renowned scientific and research institutions. Through these training programs, students can enhance their research skills, explore the professional world, and build valuable connections. Hosting labs included 57357 Hospital, Colors Medical Lab, Baheya Hospital, NAWAH Scientific, and UResearch Animal Facility.

Nile University Experts Deliver Lecture at Baheya Foundation



We are delighted to announce that Dr. Mohamed Mysara Ahmed and RA Engy Khaled Tharwat from Nile University recently delivered an insightful lecture titled "Introduction to Multi-omics and MetaAnalysis Concepts" at Baheya Foundation.

The lecture provided a comprehensive introduction to Integromics, highlighting how to select the most suitable pipeline for analysis and offering practical tips and tricks for conducting Integromics. The session also covered the importance of hypothesis generation through meta-analysis and presented a holistic overview of multiomics from various perspectives.

This event underscores Nile University's commitment to advancing knowledge and fostering expertise in cutting-edge scientific fields.

NU Sessions

The Binational Fulbright Commission in Egypt hosted a lecture on Eco Friendly Smart Homes by Dr. Irene Samy



The Binational Fulbright Commission in Egypt (BFCE) hosted a lecture on Eco Friendly Smart Homes by Fulbright U.S. Scholar Dr. Samir El Omari, Professor of Civil and Environmental Engineering at University of Wisconsin-Platteville and Fulbright alumna Dr. Irene Samy, Director of Smart Engineering Systems Research Center at Nile University. The audience who represented 17 reserach centers were welcomed by Dr. Waleed El Zawawy, Secretary General of the Council of Research Centers and Institutes at the Ministry of Higher Education, Executive Director Dr. Maggie Nassif and the Fulbright-Egypt team who gave a Fulbright exchanges information session.

Career Readiness Specialist



Immersive learning in action! SEEC office recently organized an eye-opening field visit for Mechanical Engineering students, hosted by MIRACO. This hands-on experience provided students with valuable insights into real-world engineering practices, bridging the gap between classroom theories and industry applications. Such field trips are crucial for practical understanding, fostering professional growth, and inspiring future innovations in engineering.

NU Sessions

Evaluation of Deep Predictive Learning on an Edge GPU Toward Power-Efficient Accelerator for AI Robots

Prof. Kimura, Director of the Green Computing Systems Research Organization, delivered a talk at Nile University's campus on evaluating deep predictive learning on an edge GPU, focusing on developing power-efficient accelerators for AI in robotics.





Design Builder Workshop

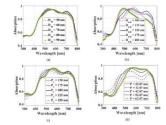
The Smart Engineering Systems Research Center (SESC), with support from Nile University (NU) and the British Council, is pleased to announce the "Design Builder Workshop" as part of the internal project "Design of Eco-friendly & Sustainable Homes."

This workshop will focus on the Design Builder software tool, used for building design and energy modeling. Attendees will gain valuable knowledge and skills in using this software for architectural and environmental design, with a strong emphasis on energy efficiency.

PUBLICATIONS



Publications on Scopus during August 2024



Electronics (Switzerland) + Open Access + Volume 13, Issue 13 + July 2024 + Article number 2482

The Effect of Directional Tactile Memory of the Back of the User on Reaction Time and Accuracy

Elshafel, All^a 🖾 ; Romano, Daniela^b 🖾 ; Fahim, Irene S.^c 🖾

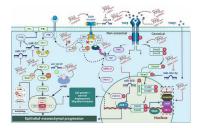
³ Department of Civil Erwinomental and Geomatic Engineering, University College London, London, WCIE 681, United Kingdom ⁹ Institute of Artificial Intelligence, De Montfort University, Leicester, IE1 9014, United Kingdom SSSC Research Center, Nie University, Giaz, 12677, Epyti

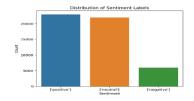
ACM International Conference Proceeding Series = 30 July 2024 + Article number 124 + 19th International Conf on Availability, Reliability and Security, ARES 2024 + Vienna + 30 July 2024through 2 August 2024 + Code 201272

Anomaly-Based Intrusion Detection for Blackhole Attack Mitigation

Abdelhamid, Ashraf^a 🖾 ; Said Elsayed, Mahmoud^b 🖾 ; K. Aslan, Heba^a 🖾 ; A. Azer, Marianne^c 🖾 💽 Save all to author list

^a Nile University, Cairo, Egypt ^b School of Computer Science, University College Dublin, Beffield, Dublin, Ireland ^c National Telecommunication Institute, Cairo, Egypt





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Sabran Journal of Breeding and Genetics • Volume 56, Issue 3, Pages 929 - 939 • June 202

GENETIC DIVERSITY AMONG SEEDED DATE PALM GENOTYPES USING START CODON TARGETED (SCOT) MARKERS

Anany A.H.* 🔄 : Soliman, Kh.A.^b 🔄 ; Abushady A.M.^{h.e.} 🔄 ; Elhahagi A.A.H.^a 🖾 ; Thabet S.G.^d 📓 ; Alqudah A.M.* 🗃 🛐 Save all the author list

⁴ National Gene Bank (NGB), Agricultural Research Center (ARC), Giza, Egypt ¹Department of Genetics, Faculty of Agriculture, Alm-Shams University, Cairo, Egypt ¹Biotechnology, School, Nile University, Giza, Egypt ⁴Department of Botrary, Faculty of Science, Fayoum University, Fayoum, Egypt ¹Department of Botrary, Faculty of Science, Fayoum University, Fayoum, Egypt Analysis of plasmonic nanoparticles effects on the performance of perovskite solar cells through surface recombination and short-circuiting behaviors NU Authors: Gad M.M.; El Batawy Y.M.; Sallam M.O. Source: Optics and Laser Technology

The Effect of Directional Tactile Memory of the Back of the User on Reaction Time and Accuracy NU Authors: Irene Samy Fahim Source: Electronics (Switzerland)

Anomaly-Based Intrusion Detection for Blackhole Attack Mitigation

NU Authors: Ashraf Mohamed Abdelhamid; Heba Kamal Aslan

Source: ACM International Conference Proceeding Series

Unraveling the influence of LncRNA in gastric cancer pathogenesis: a comprehensive review focus on signaling pathways interplay

NU Authors:Abdulrahman Hatawsh Source: Medical Oncology

Predicting Cryptocurrency Prices During Periods of Conflict: A Comparative Sentiment Analysis Using SVM, CNN-LSTM, and Pysentimento NU Authors: Mohamed Galal

Source: Operations Research Forum

Genomic landscape of hepatocellular carcinoma in Egyptian patients by whole exome sequencing NU Authors: Mohamed El-Hadidi Source: Computers and Electrical Engineering

GENETIC DIVERSITY AMONG SEEDED DATE PALM GENOTYPES USING START CODON TARGETED (SCoT) MARKERS

NU Authors: Asmaa Mohammed Aly Abushady Source: Sabrao Journal of Breeding and Genetics

Publications on Scopus during August 2024

 Physics of Fluids
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 Spinning dynamics of self-excited azimuthal acoustic modes in cavities

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^a Fluid-Structure Interaction and Noise Control Laboratory, Ontario Tech University, Or Canada
^b School of Engineering and Applied Sciences, Nile University, Giza, Egypt

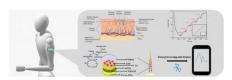


Spinning dynamics of self-excited azimuthal acoustic modes in cavities

NU Authors: Mahmoud Shaaban Source: Physics of Fluids

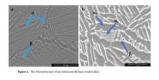
AGV and Industry 4.0 in warehouses: a comprehensive analysis of existing literature and an innovative framework for flexible automation

Kareim Ellithy, Mariam Salah, Irene Samy Fahim, R. Shalaby Source: International Journal of Advanced Manufacturing

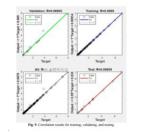


Early detection of hypo/hyperglycemia using a microneedle electrode array-based biosensor for glucose ultrasensitive monitoring in interstitial fluid NU Authors: Samar H.Tawakey, Mohammad Mansour, Ahmed

Soltan, Alyaa I. Salim Source: Lab on a chip



Optimization of machining parameters for turning operation of heat-treated Ti-6AI-3Mo-2Nb-2Sn-2Zr-1.5Cr alloy by Taguchi method NU Authors: Arafa S. Sobh Source: Scientific Reports



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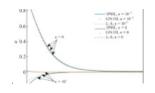
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Optimizing truss members using Machine Learning NU Authors: Marwan Osama, Manar Magdi Hamza, Ahmed M.M. Hasan, Mohamed N. Othman, Yaser M. Matar, Ahmed M. Ahmed Source: E3S Web of Conferences

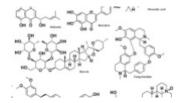
Morphogenetic characterization of Stenotrophomonas maltophilia infecting white stripe disease of rice (Oryza sativa L.)

NU Authors: Asmaa Mohammed Aly Abushady Source: Notulae Botanicae Horti Agrobotanici Cluj-Napoca

Generalized Magneto-Thermoelastic Medium under the Effect of Non-Locality Parameter and Internal Heat Source via Three-Phase-Lag Model

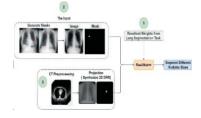
NU Authors: Ethar A.A. Ahmed Source: Mechanics of Solids

Publications on Scopus during August 2024



Natural products and long noncoding RNA signatures in gallbladder cancer: a review focuses on pathogenesis, diagnosis, and drug resistance NU Authors: Abdulrahman Hatawsh

Source: Naunyn-Schmiedeberg's Archives of Pharmacology



Enhancing Lung Cancer Detection in X-Rays: Advanced Segmentation of Varied Nodule Sizes

NU Authors: Samar Ibrahim, Sahar Selim, Mustafa A. Elattar Source: Lecture Notes in Networks and Systems

Artificial Organs - 2024

Pre-processing visual scenes for retinal prosthesis systems: A comprehensive review

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Medical Imaging and Image Processing Research Group, Center for Informatics Science, Nile Univer bhelk Zayed City, Egypt "Systems and Biomedical Engineering Department, Cairo University, Giza, Egypt Biomedical Engineering Department, Helwan University, Helwan, Egypt

Proceedings - IEEE International Symposium on Circuits and Systems - 2024 - 2024 IEEE International Symposius Orcuits and Systems, ISCAS 2024 - Singapore + 19 May 2024through 22 May 2024 - Code 200792

Battery Modeling with Mittag-Leffler Function

⁸ Nile University, Nanoelectronics Integrated Systems Center (NISC), Giza, Egypt ⁸ Cairo University, Faculty of Engineering, Engineering Mathematics And Physics Dept., Egyp ⁶ Nile University, School of Engineering And Applied Sciences, Giza, Egypt



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Efficient Floating Point Arithmetic Unit on FPGA Yicol, Mohammed H¹, brind, Smarth A¹, Sald, Loba A² Screen and Smarth Te

¹ Nanoelectronics Integrated Systems Center (NISC), Nile University, Giza, Egypt ^b School of Engineering and Computer Science, University of Hertfordshire (UH-GAF), Egypt

Pre-processing visual scenes for retinal prosthesis systems: A comprehensive review

NU Authors: Heidi Ahmed Holiel, Sahar Fawzi, Walid Al-Atabany Source: Artificial Organs

Battery Modeling with Mittag-Leffler Function NU Authors: Shahenda M. Abdelhafiz, Mohammed E. Fouda, Ahmed G. Radwan Source: Proceedings - IEEE International Symposium on Circuits and Systems

Image Captioning Using Vision Encoder Decoder Model

NU Authors: Ahmad Abdelaal, Nadeen Farid Elshafey, Nadine Walid Abdalah, Nouran Hady Shaaban, Sama Ahmed Okasha, Tawfik Yasser, Mostafa Fathi, Khaled M. Fouad, Ibrahim Abdelbaky Source: 2024 International Conference on Machine Intelligence and Smart Innovation, ICMISI 2024 - Proceedings

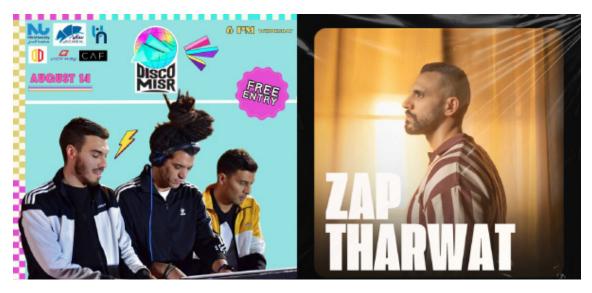
Hardware Realization of High-Speed Area-Efficient Floating Point Arithmetic Unit on FPGA

NU Authors: Mohammed H. Yacoub, Lobna A. Said Source: 2024 International Conference on Machine Intelligence and Smart Innovation, ICMISI 2024 - Proceedings

STUDENT LIFE



Nile University Student Union Funday: Disco Misr & Zap Tharwat



Nile University recently hosted its Student Union Funday, an exciting event filled with music, dance, and celebration. This year, the event was headlined by the dynamic Egyptian music group Disco Misr and the popular rapper Zap Tharwat, who both delivered unforgettable performances. The Funday was a fantastic celebration of student life and culture, showcasing the vibrant spirit of Nile University's community. It brought everyone together for a day of fun, music, and unity, making it a truly memorable experience for all attendees.

EAGLES NU: International Exhibition of Innovations, IEI 2024



Our university's club secured first place at the International Exhibition of Innovations (IEI) 2024, distinguishing itself among 57 participating universities worldwide. The club's innovative project advanced through the competition's stages, ultimately competing in the final round against the top 8 university projects.

IEEE: She Leads Second Edition



The second edition of "She Leads" at Nile University made a notable impact by offering a broader and more engaging experience for attendees. Set in an outdoor venue that took full advantage of the university's vibrant environment, the event featured Circle Workshops designed to help young women explore and navigate various career paths. These workshops covered key fields such as business, biotechnology, bioinformatics, computer science, and other STEM disciplines, providing participants with critical insights and guidance.

In addition to the workshops, the event offered networking opportunities and hosted interactive booths where attendees connected with industry professionals. These booths also served as a resource for exploring potential courses and training programs, making the event not just inspirational but also highly practical. Powered by IEEENU, this edition of "She Leads" successfully created a dynamic platform for knowledge-sharing, career exploration, and empowerment.

Student Life EAGLES NU: The 18th Undergraduate Research Forum (UGRF)



Our university's club proudly achieved first place in the engineering and applied sciences track at the 18th Undergraduate Research Forum (UGRF). Competing against numerous projects from leading institutions, our students' innovative research stood out, earning top honors. This accomplishment highlights the hard work and dedication of our club members, reinforcing our university's commitment to excellence in research and innovation. We are honored to have our students recognized in such a prestigious competition and continue to support a culture of academic and scientific achievement.

EAGLES NU: The 8th International Competition of the Military Technical College (ICMTC 2024): Unmanned Aerial Vehicle Challenge (UAVC-7)



Our team made an impressive debut at the UAVC-7 competition, marking our first-ever participation with outstanding success. We were the only team to showcase a VTOL (Vertical Take-Off and Landing) UAV concept, demonstrating our innovative approach to unmanned aerial vehicle design. Our UAV performed exceptionally, achieving five consecutive flawless takeoffs and landings during the payload delivery mission and maintaining stable flight for approximately 10 minutes. In a competition where many teams faced challenges, our aircraft stood out for its exceptional reliability, completing the entire event without a single crash. This remarkable performance not only highlighted our technical expertise but also established our team as a rising and innovative force in the field of unmanned aerial vehicle technology.

Student Life Enactus: Enactus Nile University Shines at UGRF 18th Edition



We're thrilled to announce that our Remusa Project has secured 2nd Place in the Biotechnology Track at the UGRF 18th Edition competition!

This achievement is a testament to the hard work, dedication, and innovative spirit of our team. Remusa, a groundbreaking initiative focused on harnessing biotechnology for sustainable solutions, is more than just a project—it's a vision for a better, greener future.

A huge thank you to our incredible team members, mentors, and supporters who made this success possible. We're excited to continue pushing the boundaries of innovation and making a positive impact on the world.

Enactus: Enactus Nile University at the National Competition 2024



We are excited to share that Enactus Nile University has achieved outstanding success at the National Competition 2024! Our team secured a place in the Top 35 and proudly brought home the Orange and Juhayna trophies in League 2! A significant part of this achievement was driven by our innovative Remusa Project. Focused on harnessing biotechnology for sustainable solutions, Remusa exemplifies the dedication and creativity that our team consistently brings to the table. Through hard work and collaboration, we've demonstrated our commitment to creating projects that make a real difference.

We extend our heartfelt gratitude to Orange and Juhayna for their support and recognition, and a big thank you to every team member and mentor who contributed to this success. Your passion and perseverance have been instrumental in reaching this milestone.

As we celebrate, we're already looking forward to the challenges ahead, eager to continue our journey of impactful innovation and community transformation.

Trojan: Congratulations for Founder of Trojan for his first Bug

Congratulations to the founder of the Trojan Club Omar Mohamed on an outstanding achievement! Discovering his first bug on an Egyptian website, and it being an account takeover vulnerability, is no small feat. This type of vulnerability is critical, as it allows unauthorized access to user accounts and even exposes passwords, posing a significant security risk. Your success in identifying and reporting this vulnerability not only showcases your skills but also contributes to making the digital world safer.

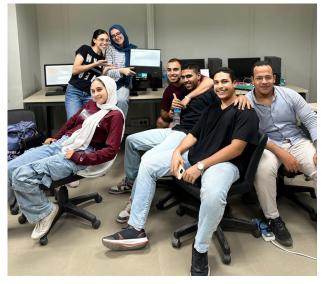


the writeup of vulnerability: https://medium.com/@omarmo5145/account-takeover-reset-password-31c6516a4063

RPM: Academic- Robotics Course

The academic department's robotics continues program to excel. as demonstrated by a recent course that The around 60 students. engaged curriculum covered a range of advanced control topics. including systems. electronics, and the design for fabrication by SolidWorks.

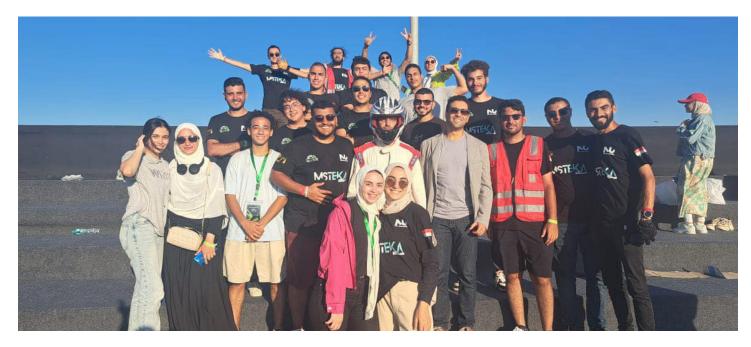
Students learned principles of automatic control, sensor integration, circuit design, and programming to bring their robot designs to life. The final projects, which are nearing completion, showcase the



students' mastery of robotics concepts and their ability to construct sophisticated, high-performing systems.

According to our vision, the breadth and depth of this course exemplify the strength of the club's engineering curriculum, which cultivates versatile, technically adept roboticists. This robotics offering is just one example of the innovative, hands-on learning opportunities available to students in the academic department.

NU RPM Club Shines at EVER 2024 Competition



Nile University's RPM Club recently participated in the EVER 2024 competition, achieving an impressive milestone by securing the title of 3rd fastest car in the acceleration drag race. This fantastic result highlights the team's engineering skills, dedication, and countless hours of hard work.

We extend a huge thank you to our incredible team for their commitment and perseverance throughout the competition. Your teamwork and innovation have made this achievement possible, and we couldn't be prouder.

This accomplishment not only demonstrates the talent within the NU community but also sets the stage for future successes. Congratulations to the NU RPM Club for this outstanding performance, and here's to even greater achievements in the future! Keep pushing the boundaries.

ALUMNI



Shaping the Future: Meet the Candidates for NU Alumni Association President



We are excited to share the remarkable response to our recent call for nominations for the prestigious NU Alumni Association President role. The nomination process has drawn significant interest, with 17 highly accomplished individuals stepping forward to lead our vibrant alumni community. These candidates come from a wide spectrum of academic backgrounds, including bachelor's, master's, and PhD degrees, reflecting the rich diversity and multidisciplinary excellence of our alumni network.

Each nominee brings a unique set of skills, experiences, and perspectives, united by a shared passion for Nile University and a commitment to fostering a dynamic and engaged alumni community. Their collective vision and dedication will be instrumental in driving the association's mission to strengthen the bonds among alumni, enhance professional networking opportunities, and advocate for the needs and aspirations of our graduates.

As we move forward in the selection process, we are confident that the next President of the NU Alumni Association will be a visionary leader who will inspire and energize our community. We eagerly anticipate the contributions they will make in this role and the positive impact they will have on the future of our university.

As we advance in the selection process, we look forward to welcoming a leader who will embody the vision, amplify the voice, and invigorate the vitality of our alumni. Keep an eye out for upcoming updates and be ready to cast your vote for the candidate who will best represent and guide our alumni community. Together, we will continue to strengthen and unify the NU alumni network, building a brighter and more connected future for all.

Alumni Spotlight: Omar Abdelmaksoud



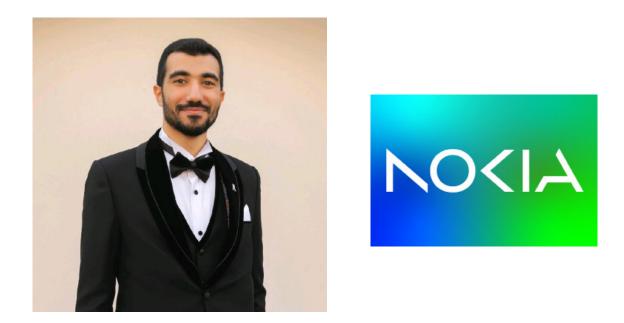


We are thrilled to celebrate the success of Omar Abdelmaksoud, a proud alumnus of Nile University's School of Engineering. Omar, who earned his Bachelor's Degree in Computer Engineering in 2020, has recently embarked on a new chapter in his career by joining PwC as an Associate Software Developer.

Omar's journey from NU to PwC reflects his dedication, technical expertise, and the strong foundation he built during his academic years. His new role at one of the world's leading professional services firms is a significant achievement, underscoring his commitment to excellence and his potential to make a meaningful impact in the tech industry.

We extend our heartfelt congratulations to Omar on this well-deserved opportunity and wish him continued success as he brings his skills and vision to PwC.

Spotlight on Alumni Success: Islam Mohamed



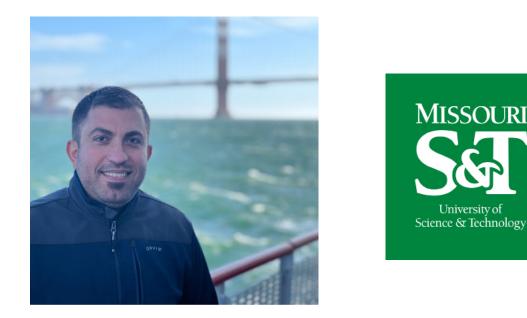
We are thrilled to highlight the impressive achievements of Islam Mohamed, a proud graduate of Nile University's School of Engineering. Islam earned his bachelor's degree in electronics and communications engineering in 2023 and has recently embarked on an exciting new chapter in his professional journey.

Islam has been appointed as a NI Fixed Network Resident Engineer at Nokia, a prestigious role that underscores his expertise and dedication in the field of engineering. In this new position, Islam will be instrumental in managing and optimising Nokia's fixed network solutions, contributing to cutting-edge advancements in telecommunications.

Islam's ascent to this role is a testament to his hard work, innovative thinking, and the solid foundation he built during his time at Nile University. We extend our heartfelt congratulations to Islam on this significant career milestone and look forward to witnessing his continued success in the industry.

His achievement not only reflects his personal accomplishments but also exemplifies the excellence nurtured by our university's engineering programs. We are proud to have alumni like Islam making impactful contributions to the global tech landscape.

Spotlight on Alumni Achievement: Mohamed Nafea Takes on New Role at Missouri University of Science and Technology



We are proud to highlight the outstanding achievements of Mohamed Nafea, a distinguished alumnus of Nile University. Mohamed, who earned his master's degree in wireless communications from NU in 2012, has recently been appointed as an assistant professor in computer engineering at the Missouri University of Science and Technology.

Mohamed's journey is a testament to his dedication and passion for advancing knowledge. After completing his master's at NU, he contributed significantly to our community as a research assistant, laying the foundation for a remarkable academic career. His pursuit of excellence led him to further his education with a master's degree in mathematics, followed by a PhD in Electrical, Electronics, and Communications Engineering.

In his new role, Mohamed will bring his extensive expertise and innovative research to the Missouri University of Science and Technology, where he will undoubtedly continue to make a significant impact. His accomplishments not only reflect his personal commitment to his field but also exemplify the calibre of talent nurtured at Nile University.

We extend our heartfelt congratulations to Mohamed Nafea on this welldeserved appointment and wish him continued success as he embarks on this new chapter in his career.

Alumni Spotlight: Khaled S. Gad





We are thrilled to celebrate the success of Khaled S. Gad, an esteemed alumnus who earned his Master's degree in Construction Management in 2012. Khaled has recently been appointed as the Managing Director at KGDR Consultants Inc., where he will lead their international operations in the GCC region.

Khaled's journey from Nile University to this prestigious role is a testament to his expertise in construction management and his exceptional leadership skills. In his new position, he is set to drive growth and innovation, further solidifying KGDR Consultants' presence in one of the world's most competitive markets.

We extend our heartfelt congratulations to Khaled on this remarkable achievement. His dedication, vision, and commitment to excellence continue to inspire the entire NU community. We look forward to witnessing his ongoing contributions to the industry and his positive impact on the region.

Spotlight on Amira Essawy: From Academia to Industry Leadership





We are proud to celebrate the achievements of our distinguished alumna, Amira Essawy, who graduated with a master's degree in informatics in 2023. Amira has made significant strides in both academia and industry, demonstrating her exceptional talent and dedication.

During her time at Nile University, Amira served as a research and teaching assistant for two years, where she contributed to advancing research initiatives and mentoring the next generation of innovators. Her commitment to excellence and passion for technology did not go unnoticed.

Recently, Amira achieved a significant career milestone by being promoted to Senior Artificial Intelligence Engineer at Valeo, a leading company in the automotive industry. In her new role, she will be leveraging her expertise in AI to drive innovation and contribute to cutting-edge developments in the field.

Amira's journey is a testament to the power of perseverance, continuous learning, and the impact of a solid academic foundation. We are confident that she will continue to excel and inspire others in the tech industry.