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# HAZEM SAID

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## PROFILE

Academic leader with over 20 years of experience in teaching and academic leadership. Passionate about helping people; recognized for visionary leadership, strategic and results-oriented approach, ability to take innovative ideas to fruition, ability to listen to various constituencies, ability to foster transformative growth, innovation and entrepreneurship.

## EXPERIENCE

UNIVERSITY OF CINCINNATI – 2001 - PRESENT (MULTIPLE APPOINTMENTS)

PROFESSOR OF INFORMATION TECHNOLOGY – 2016 - PRESENT

HEAD, SCHOOL OF INFORMATION TECHNOLOGY – 2012 - PRESENT

Led the development of the discipline of Information Technology and the founding of its academic unit at the University of Cincinnati. Engaged stakeholders to develop the unit's strategic plan. Since 2013, the unit became the School of Information Technology and sustained an average annual growth rate of 18% in both instructional FTEs and headcount of students in the majors. Led the development of the undergraduate and graduate degree programs and founded the Information Technology Solutions Center (ITSC). Developed university partnership that developed state-wide partnership to establish the Ohio Cyber Range Institute (OCRI) that is hosted at the School to serve the State. Developed and founded the Early IT ecosystem, a state-wide partnership to increase the quality, quantity, and diversity of the technology talent. Achieved national ranking (10th best online MSIT program by 2020 US News & World Report), Led the School's effort to attain the NSA/DHS CAE in Cyber Defense. Maintained significant growth of budget, external funding, and full time staff and faculty, see the 2021 annual report. Mentored staff, faculty, and students on various industry and government related projects.

COMMISSIONER, COMPUTING ACCREDITATION COMMISSION OF ABET – 2013 - 2021

Led teams of evaluators around the world to review computing programs against accreditation criteria. The review process lasts typically twelve months and includes reviewing program self-study reports, site visits, writing and editing assessment reports, and discussion of assessment reports with fellow commissioners.

## PEER-REVIEWED PUBLICATIONS (27)

1. Yeboah, J., Okpala, I., Azumah, S., Adewopo, V., & Said, H. (2022). The Framework For The Discipline Of Software Engineering in Connection to Information Technology Discipline. *arXiv preprint arXiv:2206.09303*.

2. Chamberlain, L.M., and Said, H. (2022). The Early IT ecosystem: Re-envisioning dual credit, college access and affordability, and teachers as professionals. *Policy Futures in Education*. <https://doi.org/10.1177/14782103211066675>
3. Hazem Said, Michael Zidar, Said Varlioglu, and Cornelius Itodo. (2021). A Framework for the Discipline of Information Technology. In *Proceedings of 22<sup>nd</sup> Annual Conference on Information Technology Education (SIGITE'21)*. ACM, New York, NY, USA. <https://doi.org/10.1145/3450329.3478313> (Extended Abstract)
4. Varlioglu, S., Said, H., Ozer, M., Elsayed, N. (2021, July). A Text Mining Approach to Identify IT Research Analyzing the NSF Grants. In *World Congress in Computer Science, Computer Engineering, and Applied Computing, CSC E 2021: Virtual*. Springer Nature.
5. Johnson, M, Said, H., Hedges, S., Gibbons, S., Meyer, H., Li, C., Michael, R. (2021) Underrepresented High Schoolers' Interests, Engagement, and Experiences in an Information and Communications Technology Summer Workshop: A Three-Year Study. *The Urban Review Journal*. <https://doi.org/10.1007/s11256-021-00603-4>
6. Michael, R., and Said, H. (2020). Gendered Performance Differences in Information Technology. In *the Proceedings of the 21th Annual Conference on Information Technology Education (SIGITE'20), October 2020 ACM*.
7. Hazem Said. (2019). Case Study: The Evolution of the IT Discipline in a Research University. In *Proceedings of 20th Annual Conference on Information Technology Education (SIGITE'19), October 3-5, 2019, Tacoma, WA, USA*. ACM, New York, NY, USA. DOI: <https://doi.org/10.1145/3349266.3351404>.
8. Hazem Said. (2016). Rethinking IT education: lessons from music education. *ACM Inroads* 7, 1 (February 2016), 34-37. <http://dx.doi.org/10.1145/2838737>.
9. Said, H., Kirgis, L., Verkamp, B., Johnson, L.J. (2015). On-line vs. Face-to-Face Delivery of Information Technology Courses: Students' Assessment. *Journal of Information Technology Education: Research*, 14, 297-312.
10. Li, C., Meyer, H., Said, H., Johnson, M., Michael, R. (2015, April 17-18) Design-based Information Technologies Learning Experience for K-12 STEM Outreach. *Proceedings of the ASEE North Central Section Conference*.
11. Said, H. , & Stockman, M. (2009, April 3-4). Assessment process for the Information Technology program at the University of Cincinnati. *ABET Best Assessment Process Symposium, Indianapolis, IN*.
12. Stockman, M., Leung, S., Nyland, J. & Said, H. (2006, October 19-20). The Information Technology Minor: Filling a Need in the Workforce of Today. *Proceedings of the 2006 Conference on Information Technology Education, Minneapolis, MN*.

13. Leung, S., Said, H. & Stockman, M.(2004, October 28-30). Enroute to making an IT Baccalaureate Program. *Proceedings of the 2004 Conference on Information Technology Education, Salt Lake City, UT.*
14. Said, H., et al. (2004, October 28-30). An Implementation of a Software Development Track in an Information Technology Degree Program. *Proceedings of the 2004 Conference on Information Technology Education, Salt Lake City, UT.*
15. Stockman, M., Said, H., et al (2004, October 28-30). An Implementation of a Networking Track in an Information Technology Degree Program. *Proceedings of the 2004 Conference on Information Technology Education, Salt Lake City, UT.*
16. Stockman, M., Said, H., et al (2004, October 28-30). An Implementation of Secondary Tracks in an Information Technology Degree Program. *Proceedings of the 2004 Conference on Information Technology Education, Salt Lake City, UT..*
17. Said, H., et al (2004, October 28-30). An Implementation of a Core Curriculum in an Information Technology Degree Program. *Proceedings of the 2004 Conference on Information Technology Education, Salt Lake City, UT.*
18. Said, H. & Khan, F. (2004). Towards Using Problem-Based Learning in Teaching Computer Programming – Step 1: Developing Synchronized Multimedia Lectures Using Video and PowerPoint. *Proceedings of the 2004 American Society for Engineering Education Annual Conference & Exposition, Salt Lake City, UT.*
19. Said, H., Stockman, M., & Wulf, T. (2004). Summer Outreach Program for High School Students: Results of the Second Year Implementation. *Proceedings of the 2004 American Society for Engineering Education Annual Conference & Exposition, Salt Lake City, UT.*
20. Said, H., (2004). The Effect of Programming Learning Center on Students in First Year Computer Programming Sequence. *Proceedings of the 2004 American Society for Engineering Education Annual Conference & Exposition, Salt Lake City, UT.*
21. Said, H., (2004). Online Learning Center: A Way of Collaboration among International Programs. *Proceedings of the 2004 American Society for Engineering Education Annual Conference & Exposition, Salt Lake City, UT.*
22. Said, H., (2004). Improving Students Retention by Engaging Them in Real Life Experiences. *Proceedings of the 2004 American Society for Engineering Education Annual Conference & Exposition, Salt Lake City, UT.*
23. Said, H., & Wulf, T. (2003). Pathway to Higher Education: Bridging the Digital Divide. *Proceedings of the 2003 American Society for Engineering Education Annual Conference & Exposition, Nashville, TN.*

24. Said, H., (2002). Information Technology Education and Community Development: A Partnership. *Proceedings of the 2002 Conference for Information Technology Curriculum, Rochester-New York.*
25. Said, H., Wulf, T., McClintock, S., & Stockman, M. (2002). Developing Curriculum for the Summer Academy of Information Technology. *Proceedings of the 2002 Conference for Information Technology Curriculum, Rochester-New York.*
26. Said, H. & McMahon, M. (2002). A New Paradigm of Information Technology Education. *Proceedings of the VII International Conference on Engineering and Technology Education, Santos-Brazil.*
27. Sajben, M., & Said, H. (2001). Analysis of Acoustic-Wave/Blade Row Interactions to Establish Outflow Boundary Conditions for Unsteady Flows. *AIAA Journal of Propulsion and Power.*
28. Abdallah, S., & Said, H. (1999). Exact Decomposition of the Incompressible Navier Stokes Equations. *Cincinnati-Dayton AIAA mini-symposium.*

#### GRANTS AND CONTRACTS (207 - \$30,058,392)

##### SELECT ACTIVITIES

Said, H. (2020-2023). Ohio Sentencing Data Platform. Ohio Criminal Sentencing Commission. \$939,723.

- Objective: Develop a state-wide platform to collect and disseminate sentencing data for the purpose of improving the administration of justice in the state of Ohio. More information about the project can be found at: <https://www.ohiosentencingdata.info>.

Li, C., Said, H., Cahay, M., Harknett, R., Emmert, J., Michael, R., (2021 - 2025). Cybersecurity Scholar Incubator at University of Cincinnati. National Science Foundation - DUE - SFS-Scholarship. \$3,999,998.

- Objective: A collaborative proposal to award scholarship for service in Cybersecurity for undergraduate and graduate students.

Said, H. (2020-2021). Enabling Cybersecurity for the Digital Manufacturing Supply Chain. Tech Solve. \$30,000.

- Objective: A sub-award from MxD USA to benchmark and evaluate cybersecurity tools for OT and IT asset inventory and network vulnerability assessments that are accessible to small and medium manufacturers.

Said, H. (2020-2023). Next Talent Here. *Cincinnati Innovation District*. ~\$3,180,074.

- Objective: A sub-award from the Cincinnati Innovation District project to expand the Early IT initiative across the State of Ohio and to implement the Student

Success initiative to improve retention and students' success. Annual funding about \$1.4m renewable for three years based on meeting performance targets.

Latessa, E. and Said, H. (2013 - Present). Offenders Risk Assessment System. More than 60 Awards from more than ten state governments. \$2,361,673.

- Objective: Several grants and contracts to develop and maintain offender risk assessment software system that is used by probation departments in several counties and agencies in the states of OH, IL, MO, NB, NJ, CA, AZ, and MI.

Said, H. (CoPI), Harknett, R. (CoPI), Cahay, M. (CoPI). (2017- Present). Ohio Cyber Range Institute. *Ohio Department of Higher Education and the Adjutant General Department*. Five Awards. \$9,808,814.

- Objective: Pilot, develop, and implement an Ohio Cyber Range, the Ohio Cyber Range Institute and the Ohio Cyber Range Regional Programming Centers. The Ohio Cyber Range Institute aims at advancing Cybersecurity education, workforce, and economic development in the State of Ohio.

Said, H. (CoPI), Harknett, R. (CoPI), Cahay, M. (CoPI), Michael, B. (CoPI). (2019-2020). Ohio Cyber Range Equipment Upgrade. *Ohio Department of Higher Education*. Two Awards. \$3,811,277.

- Objective: This grant provides capital funding to upgrade and expand computing equipment for the Ohio Cyber Range. The OCR is managed by the Ohio Cyber Range Institute grant, which provides the operation fund.

Said, H., Collins, T., Broscheid, K. (2019). Teachers Credentialing. *Ohio Department of Higher Education College Credit Plus Program*. \$184,814.85.

- Objective: A State grant to pay for graduate level tuition for high school teachers to complete the Graduate Certificate in Information Technology. This graduate certificate qualifies the teachers to deliver college level courses in their high school.

Said, H., Broscheid, K. (2020-2025). Choose Ohio First Information Technology Scholars. *Ohio Department of Higher Education*. \$225,000.

- Objective: The project funds 50% of tuition for 3 selected high school students to complete the undergraduate degree in the School of Information Technology

Said, H. (2015 - Present). Integrated Space Square Footage Collection. *Macys*. Multiple Awards. \$760,783.

- Objective: The project is the sixth annual contract with Macy's to provide software development and support to the software application we developed for them through the Information Technology Solutions Center.

Li, C., Meyer, H., & Said, H. (2014-2018). Design-based Information Technologies Learning Experiences. *National Science Foundation iTest Program*. Award # 1433769. \$1,200,000.

- Objective: The project explored learning experiences that motivates minority high school students to pursue careers in Computer Information Technology. The

project included partnerships with six high schools in the Cincinnati Public School district and informed the development of the Early IT program.

Said., H. (2017-2018). Enterprise Security Management. *American Financial Group*. Two Awards. \$125,688.

- Objective: Analyze and develop a web-based software application to implement NIST guidelines for Cybersecurity risk assessment for the various business units and to integrate FAIR methodology to assess threats. The software was developed through the Information Technology Solutions Center.

## AWARDS AND RECOGNITION (12)

### SELECT AWARDS

College Golden Apple Award for Excellence in Teaching	2012 and 2016
IT Leadership Award Class of 2015, Venue Media, Cincinnati, OH	2015
Fellow, UC Academy of Fellows in Teaching & Learning	2013 - Present
Marian Spencer Diversity Ambassador Award for Exemplary Contribution to the Values of Diversity	2011
Tau Alpha Pi Distinguished Faculty Award	2004
Student Tribunal Teaching Excellence Award	2002

## EDUCATION

UNIVERSITY OF CINCINNATI – PH.D. AEROSPACE ENGINEERING, 2001  
 CAIRO UNIVERSITY, CAIRO, EGYPT, M.SC. MECHANICAL ENGINEERING, 1996  
 CAIRO UNIVERSITY, CAIRO, EGYPT, B.SC. MECHANICAL ENGINEERING, 1992

## CERTIFICATIONS

PROJECT MANAGEMENT PROFESSIONAL (PMP #2016281) - 2017