

MANSOUR AL GHANIM

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EDUCATION

University of Central Florida
PhD Computer Science

December 2025

DePaul University
Master of Science in Computer Science

June 2016
Overall GPA: 3.85/4

King Khalid University
Bachelor of Science in Compute Science

Feb 2010
Overall GPA: 4.5/5

PROJECTS AND RESEARCH

Peer-Reviewed Publications

May 22 - Nov 2024

- Al Ghanim, M., Santriaji, M., Lou, Q., & Solihin, Y. (2023). TrojBits: A Hardware Aware Inference-Time Attack on Transformer-Based Language Models. In ECAI 2023 (pp. 60-68). IOS Press.
- Al Ghanim, M., Almohaimeed, S., Zheng, M., Solihin, Y., & Lou, Q. (2024, November). Jailbreaking llms with arabic transliteration and arabizi. In Proceedings of the 2024 Conference on Empirical Methods in Natural Language Processing (pp. 18584-18600).
- Ghanim, M. A., Xue, J., Hastuti, R. P., Zheng, M., Solihin, Y., & Lou, Q. (2025). Evaluating the robustness and accuracy of text watermarking under real-world cross-lingual manipulations. arXiv preprint arXiv:2502.16699.
- Hastuti, R. P., Rajagede, R. A., Ghanim, M. A., Zheng, M., & Lou, Q. (2025). Factuality Beyond Coherence: Evaluating LLM Watermarking Methods for Medical Texts. arXiv preprint arXiv:2509.07755.
- Xue, J., Zhao, Y., Ghanim, M. A., Gao, S., Sun, R., Lou, Q., & Zheng, M. (2025). PRO: Enabling Precise and Robust Text Watermark for Open-Source LLMs. arXiv preprint arXiv:2510.23891.
- Almohaimeed, S., Alsofyani, M., Almohaimeed, S., Al Ghanim, M., & Wang, L. (2025, June). Prompt Engineering Techniques for Context-dependent Text-to-SQL in Arabic. In 2025 International Joint Conference on Neural Networks (IJCNN) (pp. 1-9). IEEE.
- Alyami, M., Alkhowaiter, M., Al Ghanim, M., Zou, C., & Solihin, Y. (2022, June). MAC-layer traffic shaping defense against WiFi device fingerprinting attacks. In 2022 IEEE Symposium on Computers and Communications (ISCC) (pp. 1-7). IEEE.
- Almohaimeed, S., Almohaimeed, S., Al Ghanim, M., & Wang, L. (2024, April). Ar-spider: Text-to-SQL in Arabic. In Proceedings of the 39th ACM/SIGAPP Symposium on Applied Computing (pp. 1024-1030).

Universal Query Optimizer

April 2016 - June 2016

- Worked in an independent study to unify results of the optimizer when querying different databases. The objective was to find costly operations within a query in order to enhance performance.

Bachelor Project

September 2010 - January 2010

- Developed a database system that connects people of a kinship using existing data to obtain a network of related entities for important and social events.

Paper Reviews

Aug 2023

- ECAI 2023 (one paper)
- NeurIPS 2023 (two papers)

WORK EXPERIENCE

University of Central Florida

Aug 2022 - May 2024

- Network Communication - undergraduate course grader.
- Machine Learning FinTech - graduate course grader.
- Secure Execution Environment - graduate course TA.

King Khalid University

Jan 2026 - present

Academic and administrative responsibilities:

- Academic advisor - Computer Science Department at Khamis Mushayt's community college.
- University lecturer - programming in Java and Python, Information Security, Web development.

Jazan University

May 2011 - Jan 2020

Academic responsibilities and achievements:

- Programming 1 & 2 undergraduate instructor.
- Artificial Intelligence undergraduate instructor.
- Contributed to the implementation of new plans for programming courses in the college of computer science and information system.

Administrative responsibilities:

- Coordinator of object-oriented programming course.
- Member of college council paperwork preparation.
- Member of software development center and programming events at the college level.
- Member of curriculum review committee.
- Member of the programming track.

RELEVANT COURSES

Core Courses

Discrete mathematics & its applications
Algorithms & data structures
Object-oriented and Procedural programming
Artificial Intelligence (AI)
Software engineering
Big data
Distributed systems

Other Courses

Introduction to Parallel Algorithms
Machine learning
Deep Learning

RELEVANT SKILLS

Operating Systems

Windows and Unix-based systems

Computer Languages & Tools

C/C++, Java, Scala, Python, LaTeX

Database

Oracle 11g, MySQL, Postgresql

Web Development

Apache server, PHP, Java Servlets and JSPs, Django project

Deep Learning

Pytorch

LANGUAGE SKILLS

Arabic Excellent reading, writing and speaking.
English Excellent reading, writing and speaking.

POSITION OF RESPONSIBILITY

Jazan University 2015 - The 2nd National Programming Competition *Jan 2017 - Feb 2017*
Coach *Jazan University*

- Led a team of nine students to successfully conduct the programming competition at Hail University, Saudi Arabia
- Organized workshops to train student members to prepare for the competition