

Faris Ayman Ragheb Nasser

AI | Security | Privacy

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RESEARCH PROFILE

I am interested in improving security and privacy in intelligent agent systems, with a growing focus on voice interfaces and LLM-based applications. My current work explores privacy risks in AI systems and how developers and users interact with them. I am particularly drawn to understanding how privacy and trust can be built into intelligent systems from the ground up. By combining insights from real-world development, behavioral research, and system design, I aim to contribute to tools and frameworks that help developers create more secure and user-aware AI technologies.

Keywords: *Security, Privacy & Trust; AI Agents; LLM*

EXPERIENCE

IT Security Intern – Indigo IT Consultancy

Abu Dhabi, UAE /07/2025 - 08/2025

www.indigogulf.com

- Assisted in security assessments of business IT infrastructures by identifying vulnerabilities in server configurations for mid-sized clients.
- Supported the development of risk mitigation strategies, including firewall rule audits and implementation of SIEM alerts for suspicious activity.

Speak.ai – Co-Founder, COO

Sharjah, UAE /02/2025- Present

www.speak-ai.net

- Winners of Injaz UAE Product of the Year Award 2025**
- Founded a voice AI startup enabling businesses to automate customer support using real-time AI voice agents with RAG.
- Spearheaded operations and product development across a microservices architecture (LLMs, Supabase, Twilio, Google Calendar, n8n).
- Designed scalable prompt frameworks to define agent personas, behavior, and dynamic call flows.

Research Intern - EBTIC (Emirates ICT Innovation Center)

Abu Dhabi, UAE /07/2024 - 08/2024

Khalifa University

- Completed an 8-week summer **research** internship focused on developing non-invasive fall detection systems using Wi-Fi Channel State Information (CSI), while engaging with a team of researchers.
- Implemented and compared various **machine and deep learning models** to accurately classify human activities against falls, aiming to enhance elderly care by eliminating the need for wearable sensors.

Residential Assistant (RA) – Student Residential Life Department

Sharjah, UAE /08/2024 – Present

American University of Sharjah

- Served as a RA for 30+ students, fostering community and connecting residents to resources for academic and personal success by organizing programs/events.
- Led by example as a role model, providing support, counseling, and guidance to promote resident engagement, while collaborating with the RA team and participating in ongoing training to enhance leadership skills.

Student Research Assistant – Physics Department

Sharjah, UAE /09/2023 – 11/2023

American University of Sharjah

- Assisted a Ph.D. student with **research** on the stability of perovskite materials for solar cell applications.
- Conducted experiments, including doping of perovskite materials and performing SEM to analyze material structures.

RESEARCH PAPERS

Conference Papers:

- F. Nasser, A. Suliman, K. Poon, A. Alteneiji, and U. Ahmad, "Fall Detection Using Wi-Fi Channel State Information," 2024 7th International Conference on Signal Processing and Information Security (ICSPIS), pp. 1–5, Nov. 2024, doi: <https://doi.org/10.1109/icspis63676.2024.10812620>

In-Progress:

- Currently working on my Senior Design Project under **Dr. Anastassia Gharib** on developing an adaptive honeypot framework for securing IoT environments focusing on reinforcement learning and smart home intrusion detection.
- Collaborating with **Dr. Ece Gumusel** on further validating the *Multiverse Privacy Theory (MPT)* using real-world datasets to explore adaptive privacy-preserving mechanisms in AI systems.

VOLUNTARY EXPERIENCES

Founding Vice President - Careers Club @careersclub.aus

Sharjah, UAE /08/2024 – Present

American University of Sharjah

- Founded and developed initiatives that foster professional growth, networking, and leadership by organizing workshops.
- Responsible for creating detailed financial plans and managing budgets for club events and activities

Activities Officer - Society of Cybersecurity (SOC) @aus_soc

Sharjah, UAE /08/2024 – Present

American University of Sharjah

- Managed and coordinated cybersecurity related events such as the Game Cracking workshop and Highschool bootcamp.
- Responsible for spreading awareness and bringing a passion for cybersecurity at AUS through interactive workshops.

EDUCATION

American University of Sharjah | BSc, Computer Engineering, Senior I

Sharjah, UAE | 09/2022-Present

- **CGPA:** 3.5/4.00
- Achieved honorary **Dean's & Chancellor's List** for academic excellence

Abu Dhabi International Pvt. School

Abu Dhabi, UAE | 09/2008-06/2022

High Honors, Cambridge IGCSE & Pearson Edexcel A – Level Programs

- **A*A*A*** in A-Level Physics, Pure Mathematics, and Chemistry.
- **Recognized by Pearson Edexcel as a High Achiever (Certificate)**
- Vice President of Student Council Cabinet
- Captain and MVP of Football Varsity teams.

SKILLS / CERTS

Certifications & Training

- *Practical Ethical Hacking*, TCM Security — *Expected 09/2025*
- *Red Hat System Administration I (RH124)*, Red Hat — *Issued Jan 2025*
- *Entrepreneurial Skills Pass*, JA Worldwide — *Issued Jun 2025*
- *Product of the Year – INJAZ UAE National Competition*, INJAZ UAE — *Issued May 2025*
- *Introduction to Cyber Security*, TryHackMe — *Issued Dec 2023*
- *Pre-Security*, TryHackMe — *Issued Jan 2024*
- *HTML & CSS Full Course*, SuperSimple.dev — *Issued Dec 2023*

Skills Acquired

- **Cybersecurity & Networking:** Penetration Testing, Network Enumeration, Privilege Escalation, Linux.
- **Systems & Tools:** Kali Linux, Burp Suite, Nmap, Metasploit, Git, Postman, n8n, Red Hat Linux, HTML, CSS, Node.js, React
- **Programming & Web Development:** Python, JavaScript, C++
- **Databases:** PostgreSQL, MongoDB, MySQL
- **Entrepreneurship & Leadership:** Business Development, Team Management, Project Pitching, Product Design, Innovation