Mr Sarkhell Sirwan Nawroly (CV)

Ph.D. Candidate at Bucharest Polytechnic (2025),
Doctoral School of Automatic Control and Computers,
Computer Science and Engineering Department,
National University of Science and Technology Politehnica Bucharest
MSc in I.T at Kingston University - London (2007)
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Career Profile:

- My final PhD thesis on Enhancing Speech Recognition Systems for Dysarthric Speakers Through Noise-Based Data Augmentation, to be presented on 4th April 2025.

- Task Force member for the **(K-19 Initiative in Kurdistan)**, in reforming the entire Education and TVET program in the Kurdistan Region.

- I was a moderator of a panel, in a Conference about AI in health Sector 2024.

- I have demonstrated my leadership skills by successfully managing two University directories, the **Staff Development** and **Career Development Center** at Sulaimani Polytechnic University from 2015 to 2019.

- My involvement in various activities, from **moderating University conferences** to **organizing university symposiums** on e-governance, **the Fourth Industrial Revolution, and Green Energy** to conducting **workshops on Soft Skills**, Management, **Leadership**, and Micro-Learning Approaches, showcases my versatility and adaptability in the academic field.

- I was selected as a member of the Task Force for the **TVET Reform project** in Iraq, a significant initiative under **UNESCO** supervision. In this role, I was essential in drawing a strategic plan and road map to **implement TVET**, including the **Bologna Process**, a project funded by the **European Union**. My contributions to this project underscored my ability to contribute to large-scale educational initiatives and highlighted my commitment to improving **Vocational Education in Iraq**.

- I was appointed as a **Master Trainer (TOT) for TVET**, a role I undertook under **British Council-UNESCO** supervision. In this capacity, I was entrusted with the responsibility of training vocational teachers as part of the **TVET** program in Iraq (Since 2015). The knowledge units and practical assignments focused on pedagogical, technical, and administrative skills completed include (Learning theories and their application, Curriculum development and quality assurance, Lesson planning and classroom management, Approaches to competency-based training, Student-center learning, Approaches to assessment, and Skills, competency, and evaluation of performance. They were delivered to support new Leadership Standards, which have been based on international best practices. These standards have been centered on a detailed Training Needs Analysis across Iraq.

- I co-established and managed the **Entrepreneurship Academy** at Sulaimani Polytechnic University, operated by IREX www.irex.org, an American organization (2017-2019). This initiative was a testament to my entrepreneurial spirit and commitment to fostering innovation and business acumen among students.

- At Sulaimani Polytechnic University, I taught courses on **Soft Skills, Management, Leadership, and Micro-Learning** as a coach of the Pedagogy Program (2015-2019).

- I gained **Iraq Publishing Workshop** was led by these institutions, namely **The British Academy**, University College London, University of Glasgow, and London School of Economics and Political Science (2019).

- Took a training course in **Research Preparation** at Sulaimani Polytechnic University (2019).

- Took a **Writing Grant Application** and **Project Management course** at DCH, University of Reading, University of Leicester, UCL, and Shabaka AL Nahren Organisation (2019).

- I earned an international certificate of **Train the Trainer-Group Training Techniques** through **Spearhead Gulf LLC**, an awarding organization from **ILM qualifications**, part of a City & Guild Group business. www.spearhead-training.com (2018).

- I coordinated a **Board of Trustees** at a private University, demonstrating my leadership and management skills from 2017 to 2019.

- I gained a **Business Development & Employment Development course** through IOM-UN (2017).

- I was selected as one of five Iraqis to attend a course in **Career Development Training** in the United States. The course was held at **Michigan State University, John Hopkins University, and IREX headquarters**. I submitted an application outlining a strategic plan to improve career development in Iraqi universities to be eligible for the course (2016).

- I gained a course in **Enhancing Etiquette and Employee Relations in Government Offices** from the Strategic Institute for International Relation and Diplomacy Work (2016).

- I lectured about **IT, academic debate, English, and Technical** Language (English) at Sulaimani Polytechnic University (2012-2015).

- I volunteered for Aktors Company, an Estonian company, to **implement an e-Court System** at Sulaimani Court, Kurdistan Region-Iraq (2014-2015).

- I completed a "Engaging Teachers to Engage Learners" course by The American University of Iraq-Sulaimani (2014).

- I completed a 120-hour Teaching Methodology (Pedagogy) course at Sulaimani Polytechnic University (2014).

- I have been one of the **co-founders of the Technical College of Informatics** at Sulaimani Polytechnic University (2013).

- I obtained The International Course of **Practical Training for Football Coaching** through the Coordinator for Coaches Development **Football Association of Serbia** (2012).

- I was an **I.T. assistant manager** at one of the divisions at **Imperial College-London** (2001-2007).

- I obtained an **MSc in IT from Kingston University-London** (2007).

Work:

Date	Position/ Employer	Details
2015 - 2019	Director at CDC Career Development Center) at SPU (Sulaimani Polytechnic University) https://spu.edu.iq/en/1317	**Responsibilities**: • Encourage and motivate students and alumni through workshops and talks to inspire them to pursue career opportunities that align with their aspirations and goals. • Delivered Soft Skills courses, assisting students and alums with CV writing, job search techniques, job interview skills, and body language. • Managing the CDC website and social media platforms. • Survey the labour market to determine the skill courses that alums will require to meet job market demands. • Organizing job fairs for companies and hosting workshops for students and alumni. • Establishing relationships with national and international companies and NGOs to collaborate and enhance opportunities for students and alumni. • Develop a relationship with the private sector to include our students in the internship program. • I will work on the Kaizen approach to change for the better or continuous improvement of my team, demonstrating high professionalism, excellent communication, organizational skills, and the ability to work effectively with diverse stakeholders.
2013 - 2014	Head of The Registry Department and Lecturer at Technical College of Informatics, SPU https://spu.edu.iq/en/colleges/technical-college-of-informatic-tci	**Responsibilities:** • I was one of the co-founders of the Technical College of Informatics • Supervise and manage the operations of the Registry Department at the College. • Deliver lectures on the Academic Debates, English and Technical Language (English) courses.
2012 - 2013	Lecturer at Computer Science Institute, SPU https://spu.edu.iq/en/institutes/computer-science-institute-csi	**Responsibilities**: • Deliver lectures on the subjects of I.T. (Information Technology), academic debates, English, and technical language (English) courses.
2001 - 2007	Assistant manager of I.T Department at The Kennedy Institute of Rheumatology (former Imperial College London, Division), the Institute joined the University of Oxford, UK, in 2011. https://www.ndorms.ox.ac.uk/about/kennedy-institute-of-rheumatology	**Responsibilities**: • Third-line IT Support, IT Help Desk, Services, Network Support, Data Backup. • E-Library transformation. • Working on various IT platforms.

Education:

Date	Institution	Qualification
2024	Doctoral School of Automatic Control and Computers. Faculty of Automatic Control and Computer Science. National University of Science and Technology Politehnica Bucharest. https://upb.ro/en/faculties/the-faculty-of-automatic-control-and-computer-science/	**PhD Thesis:** • Title: Enhancing Speech Recognition Systems for Dysarthric Speakers Through Noise-Based Data Augmentation
2003 - 2007	Kingston University-London www.kingston.ac.uk/	**MSc in Information Technology Modules:** • Software Fundamentals (C++), Data Storage and Management, Structured Analysis and Design 1 and 2, Human-Computer Interaction, Object-oriented Visual Programming, E-Commerce Technologies, Digital Imaging, Developing Object-Oriented Solutions, Broadband and Mobile Networks, and Usability Engineering. **MSc Dissertation:** • Asset and Stock System for Computing Department at KIR (Kennedy Institute of Rheumatology). • These Applications have been used: ASP.NET 2.0, Visual Studio 2005, and SQL Server 2005. • The methodologies were RAD, DSDM, and SSADM. • The project presents the design and implementation of a web-based relational database management system (RDBMS).
1999 - 2003	Kingston College-London, UK www.kingston-college.ac.uk HNC (Higher National Certificates)	**Models contain:** • NHC Module in Java • NHC Module in Networking • NHC Module in C++
1998 - 1999	Migrant Training, London, UK **Title of the course:** City and Guilds (NVQ, National Vocational Qualification, in IT and Administration Level 2)	**The Training Models contain Nine Units:** • Develop Self to Improve Performance, **Monitor and Maintain a Healthy**, Safe, and Secure Workplace; Contribute to the Effectiveness of the Work Flow Relationship; Store, Retrieve, and Supply Information. Maintain Data in a Computer System, Prepare Documents, Receive and Transmit Information, Produce and Present Business Documents from Provided Material • Practice in IT fields of DOS, Windows, and Microsoft Office Products. • Participants had a 6-month internship for hands-on experience at the Governmental Departments (mine were at Hackney Council Parking Control-London).

Name: Sarkhell Sirwan Nawroly   **Data:** 3rd March 2025

Signature: