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EXPERIENCE:
Sep 2016 – Sep 2020   Research Assistant at BME
Oct 2020 – present   Postdoctoral Scientist at BME

EDUCATION:
2020   PhD (hons & summa cum laude) in Computer Engineering,
          Budapest University of Technology and Economics (BME), Hungary
2013   MSc (hons) in Communication Systems Engineering,
          University of Portsmouth, UK
2008   BSc (1st class) in Computer Engineering,
          University of Basra, Iraq

RESEARCH INTEREST:
- Speech signal processing and Text-to-Speech
- Machine and Deep learning
- Neural vocoders and speech synthesis
- Voice conversion and conversational AI

AWARDS AND SCHOLARSHIPS:
2016   PhD Stipendium Hungaricum scholarship, Budapest University of Technology and
          Economics, Hungary.
2014   Award 1st prize, Rumaila Golden Winner, for Respect – Determination - Personal
          Ownership - One team, Rumaila operating organization, Iraq.
2013   Award 1st prize, MSc Top Student Certificate – MSc Communication Systems
          Engineering, University of Portsmouth, UK.
2011   MSc award scholarship, University of Portsmouth, UK.
2008   Award 1st thesis BSc prize, University of Basra, Iraq.

TEACHING EXPERIENCE AT BME (2018 - PRESENT):
- Supervision: 3 BSc and 4 MSc on their final dissertation, and 1 PhD (as co-supervisor)
- Supervised about 20 BSc/MSc students on their project's laboratories
- Supervising and evaluating the international MSc students in the laboratory of Smart City
- Main coordinator for final evaluation of the project work of international MSc students.
- Evaluate the assignment of MSc students on their deep learning, and Human-Computer
  Interaction.

PROFESSIONAL ACTIVITY

2019 – 2021	**MIEICE** – Member of the Institute of Electronics, Information and Communication Engineers (IEICE), Japan
2012 – 2016	**MIET** – Member of the Institution of Engineering and Technology (IET), England
2017 – Present	**IEEE** – Member of the Institution of Electrical and Electronic Engineering
2017 – Present	**ISCA** – Member of the International Speech Communication Association
2016	**Volunteer** – EUSIPCO (24th European Signal Processing Conference), Budapest

REVIEWER

- **Journals:** Computer Speech and Language, Speech Communication, Signal Processing, Artificial Intelligence Review, IEEE Access, HTE Infocommunication, Indonesian Journal of Electrical Engineering and Computer Science, MDPI journals (Applied Science, Electronics, Sustainability, Sensors, Symmetry, Biomimetics, Crystals, Acoustic, Mathematics, Atmosphere, and Agriculture).

- **Conferences:** ISCA Interspeech, IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), International Joint Conference on Neural Networks (IJCNN), International Conference on Speech Technology and Human-Computer Dialogue (SPeD), The World Multi-Conference on Systemics, Cybernetics and Informatics (WMSCI), VC challenge.

- **Editorial Board**
  - Mar 2021 - Mar 2023: Topic editor for the journal of Electronics

- For a full list of verified reviews, please refer to Publons: C-9727-2018 https://publons.com/researcher/1712405/mohammed-salah-al-radhi/

SELECTED PAPERS from [GoogleScholar](#)

[1]. Mohammed Salah Al-Radhi, Tamás Gábor Csapó, Csaba Zainkó, Géza Németh, Continuous Wavelet Vocoder-based Decomposition of Parametric Speech Waveform Synthesis, in Proceedings of the Interspeech, pp. 2212-2216, Brno, Czechia, 2021.

[2]. Mohammed Salah Al-Radhi, Tamás Gábor Csapó, Géza Németh, Continuous noise masking based vocoder for statistical parametric speech synthesis, *IEICE Transactions on Information and Systems*, E103-D (05), 2020.

[3]. Mohammed Salah Al-Radhi, Omnia Abdo, Tamás Gábor Csapó, Sherif Abdou, Géza Németh, Mervat Fashal, A continuous vocoder for statistical parametric speech synthesis and its evaluation using an audio-visual phonetically annotated Arabic corpus, *Computer Speech and Language*, ScienceDirect, 60, pp. 1-15, 2020.

[4]. Mohammed Salah Al-Radhi, Tamás Gábor Csapó, Géza Németh, Noise and acoustic modeling with waveform generator in text-to-speech and neutral speech conversion, *Multimedia Tools and Applications*, 79, Springer, pp. 1-26, 2020.

[5]. Mohammed Salah Al-Radhi, Tamás Gábor Csapó, Géza Németh, Time-domain envelope modulating the noise component of excitation in a continuous residualbased vocoder for statistical parametric speech synthesis, in *Proceedings of the Interspeech*, pp. 434-438, Stockholm, Sweeden, 2017.

[6]. Mohammed Salah Al-Radhi, Tamás Gábor Csapó, Géza Németh, RNN-based speech synthesis using a continuous sinusoidal model, in Procedings of 28 *International Joint Conference on Neural Networks (IJCNN)*, pp. 1-8, Budapest, Hungary, 2019.

[7]. Mohammed Salah Al-Radhi, Tamás Gábor Csapó, Géza Németh, A continuous vocoder using sinusoidal model for statistical parametric speech synthesis. *Speech and Computer, Lecture Notes in Computer Science*, vol 11096. Springer, pp. 11-20, Leipzig, Germany, 2018.