

GHAZAAL SHEIKHI CV

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Date of Birth: *28.06.1981*

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Education

- 2014-2020 PhD, Computer Engineering, *Eastern Mediterranean University, Northern Cyprus*. Thesis title: Feature selection in high dimensional spaces.
- 2004-2007 MSc. Biomedical Engineering (Bioelectric), *Amirkabir University of Technology, Tehran, Iran*. Thesis title: Syllable segmentation of Farsi continuous speech.
- 1999-2003 BSc. Biomedical Engineering, *University of Isfahan, Isfahan, Iran*. Thesis title: Design of a Holter monitoring emulator using x8051 microcontroller

Publications

- “*Threshold Prediction for Imbalanced Classification Using External Data*”, H. Ghaderi Zefrehi, G. Sheikhi, H. Altınçay, *Applied Soft Computing*, 2020, (submitted)
- “*Maximum-Relevance and Maximum-Diversity of Positive Ranks: A Novel Feature Selection Method*”, G. Sheikhi, H. Altınçay, *Expert Systems with Applications*, Volume 158, 113499, 2020.
- “*A Novel Dissimilarity Metric based on Feature-to-Feature Scatter Frequencies for Clustering-based Feature Selection in Biomedical Data*”, G. Sheikhi, H. Altınçay, *Computational Intelligence*, 2019, (under review).
- “*Using the Distance in Logistic Regression Models for Predictor Ranking in Diabetes Detection*”, G. Sheikhi, H. Altınçay, *International Conference on Medical and Biological Engineering – CMBEBIH 2019*, Banja Luka, Bosnia and Herzegovina.
- “*Employing Data from Diagnosed Patients for Undiagnosed Type 2 Diabetes Detection*”, N. Hajarolasvadi, G. Sheikhi and H. Altınçay, in *Unifying the Applications and Foundations of Biomedical and Health Informatics 2016*, Athens, Greece, 75-78, 2016.
- “*The Cost of Type II Diabetes Mellitus: A Machine Learning Perspective*”, G. Sheikhi, H. Altınçay, in *XIV Mediterranean Conference on Medical and Biological Engineering and Computing 2016*, Cyprus, 818-821, 2016.
- “*Segmentation of Speech into Syllable Units using Fuzzy Smoothed Short Term Energy Contour*”, G. Sheikhi, F. Almasganj, in *IEEE Proceeding of 18th Iranian Conference on Biomedical Engineering*, Iran, 195-198, 2011.

Work Experience

- 2016-2018: Trainer, *Gymaholic Gym, Famagusta, Northern Cyprus*.
- 2011-2014: Co-founder and engineering director, *Jooyeshgar Industrial Automation Company, Isfahan, Iran*.
- 2010-2011: Vice dean in academic affairs, *University of Applied Science and Technology, Mobarakeh Branch, Isfahan, Iran*.

- 2005-2011 Part time lecturer, University of Applied Science and Technology, Isfahan, Iran.
- 2004-2005: Biomedical equipment technologist, and sales manager, Tehran Nika Co. Tehran, Iran.
- 2003- 2004: Biomedical equipment technologist and sales manager, MediTech Co. Isfahan, Iran.

Teaching Experience

- 2019-now: Senior Instructor, Computer Engineering Department, Final International University, Northern Cyprus.
- 2017-2018: Instructor, Computer Engineering Department, Cyprus International University, Northern Cyprus.
- 2008-2011: Instructor in University of Applied Science and Technology, Mobarakeh Branch, Isfahan, Iran.
- 2008- 2009: Part Time Instructor, Towhid University of Applied Science and Technology, Isfahan Steel Co., Isfahan, Iran.
- 2006-2008: Part Time Instructor, Islamic Azad University, Daran Branch, Isfahan, Iran.

Honors and Awards

- 2014-2019: 100% Postgraduate Scholarship for PhD study, Eastern Mediterranean University, Northern Cyprus.
- 2004: Ranked 205th in Electrical Engineering Higher Education (M.Sc.) National Universities Entrance Exam among Undergraduate Students in Iran (nearly 10000 students).
- 1999: Ranked 450th among more than 160,000 applicants for Iranian National Universities Undergraduate Entrance Exam (Mathematics).

Language Proficiency

- English: Advanced
- Turkish: Intermediate
- Farsi: Native speaker

Software skills

- R, MATLAB, Python, C/ C++

References

Prof. Dr. Hakan Altınçay, Computer Engineering Department, Eastern Mediterranean University, Famagusta, Northern Cyprus. hakan.altincay@emu.edu.tr

Prof. Dr. Ekrem Varoglu, Computer Engineering Department, Eastern Mediterranean University, Famagusta, Northern Cyprus. ekrem.varoglu@emu.edu.tr

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