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His research interests are Machine Learning, Deep Learning, Natural Computing, Sensor Networks, and Peer-to-Peer networks. He has published 11 papers at the journals indexed by the SCI and SCI-Expanded, 26 papers at the journals indexed by other sources, 41 international conference papers, 10 national conference papers, 1 book chapter. He has 1 patent approved and 1 patent pending. He designed and deliver 3 new courses (Machine Learning for Engineers, Fundamentals of Deep Learning, An Introduction to Machine Learning) recently. He published more than 250 tutorials about Deep Learning and Machine Learning [on his YouTube channel](#). He is also a blog writer [on the Medium platform](#) sharing his example solutions about Deep Learning and Machine Learning problems. Moreover, he shares the Python source codes for numerous Deep Learning and Machine Learning problems [on his GitHub repository](#). He managed 8 research projects supported by Atılım University and participated as a researcher in 2 projects supported by TUBITAK (Scientific and Technical Research Council of Turkey). He built up two research groups ([Natural Computing Interest Group](#) and [Salda Deep Learning Research Group](#)) and published more than 20 papers with the group members on Machine Learning, Deep Learning, and Natural Computing topics. He received 2 Best Paper awards from international conferences, 12 research and publication incentive grants from Atılım University and TUBITAK (Scientific and Technical Research Council of Turkey).