

# Serhat SAHIN

## PERSONAL DETAILS

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## RESEARCH INTERESTS

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Machine Learning/Deep Learning, Uncertainty Quantification, Active Learning

## WORK EXPERIENCE

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2011 – 2016 | Researcher at The Scientific and Technological Research Council, Turkey  
Studied Speech enhancement and source separation algorithms based on Machine Learning techniques and participated in software development of a noise canceller system.  
Developed software for automation of information security test systems reducing long test durations and improving efficiency.

## EDUCATION & TRAINING

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Jan 2017 – | M.S. program in Computer Science  
May 2018 | Tennessee Technological University, Cookeville, TN  
(exp.) | Studying Never-Ending Learning and Uncertainty Quantification.

Sep 2005 – | B.S. degree in Electrical & Electronics Engineering  
Jun 2010 | Bogazici (Bosphorus) University, Istanbul, Turkey  
Senior Design Project: Speaker Diarization Systems - Application to Telephone Conversations

Jun 2008 – | Summer Intern at SESTEK, ITU ARI Technopark, Istanbul, Turkey  
Aug 2008 | Participated in data collection and processing in a speech recognition project named Interactive Voice Response for a private bank in Turkey.

Jun 2007 – | Summer Intern at The Scientific and Technological Research Council, Turkey  
Aug 2007 | Participated in data processing studies about speech recognition and machine translation projects.

## SKILLS

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Operating Systems : Windows, Linux/Ubuntu, Mac OS  
Programming : C/C++, MATLAB, Perl, Python, LabWindows CVI, Labview,  
Machine Learning : LIBSVM, Weka, NumPy, SciPy, Pandas, Scikit-Learn, Theano  
Collaboration Tools : Confluence, Fossil  
Natural Languages : Turkish (Native), English (Full Professional Proficiency)

## INTERESTS AND ACTIVITIES

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- Student Representative Board member in senior year at Bogazici University.
- Project management of an unmanned aerial vehicle project named Aerial Vision Project developed by Bogazici University EE Department students.
- Highly interested in Artificial Intelligence, Cognitive Psychology, Self-Improvement.