

Zhuowei Han

M.Sc Electronic and Information Technology

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Education

- 10/2012 – **M.Sc. Electronic and Information Technology at University of Stuttgart**, *Focus: Information and Communication Technology*.
05/2015 Master Thesis: *Deep Neural Network for Learning Speech Emotion Representation*
- Study the features of speech emotion and increasing knowledge in machine learning and deep learning
 - Building probabilistic models for unsupervised feature learning in Python
 - Evaluating proposed models and classifiers in comparison to state of the art
- 08/2008 – **B.Sc. Electronic- and Information Technology at Xidian University in Xi'an, China**, *Focus: High-Frequency Technology*, GPA: 82/100.
07/2012 Bachelor Thesis: *A Study of Frequency-reconfigurable Multi-band Antenna*
- Study and modelling of three-band antenna in ANSYS HFSS.

Experience

- 09/2013 – **Study Thesis, Robert Bosch GmbH**.
03/2014 Title: *Optimization and Validation of Adaptive Threshold Parameters in Ultra-Sonic Object Detection System*
- Study the dependence of threshold parameter on the driving surface and the sending patterns for different distances
 - Design measurement settings and execution of measurement and analysis of measurement data and determination of missing data/ scene
 - Optimization and validation of threshold parameter for given false alarm rate
 - Further development of Matlab (-GUI) analysing-tool and of Excel-VBA for automatic evaluation
- 10/2013 – **Practical Exercise in Laboratory, Institute of Signal Processing and System Theory, University of Stuttgart**.
02/2014 Statistical Signal Processing – Automotive Radar:
- Processing radar signal from simulation and measurement.
 - Distance estimation and vehicle tracking based on angle information in Matlab.

04/2013 – **Scientific Assistant**, *Institute of High-Frequency Technology, University of Stuttgart*.

- Developing analyse-tools for antenna diagram with Matlab-GUI
- Processing accounting data with Excel-VBA

09/2010 **Electronic Engineering Training**, *Xidian Universität*.

- Buildup of heterodyne receiver

Extracurricular Activities

05/2013 Participant of „Rohde & Schwarz Case Study“, Stuttgart

10/2012 – Mentee of „Intercultural Mentoring Program“, University of Stuttgart

09/2013

Computer Skills

Programming Skilled in Matlab (incl. GUI)/ Excel-VBA/ Python
basic knowledge in Javascript/ C++

Office Skilled in MS-Office
basic knowledge in Libre-Office

Text \LaTeX

OS Window/ Linux-Ubuntu

Languages

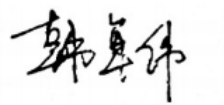
Chinese Mother Spoke

German fluent

English fluent

Interests

Music, Fitness, Guitar



May 20, 2015, Stuttgart