

Jeroen Zegers

Address	Humbeekstraat 5, 1860 Meise, Belgium	Mobile Phone	+32 479 81 04 78
Date of Birth	4 th October 1992	Email	jeroen.zegers@esat.kuleuven.be
Nationality	Belgian		

Speech related experience

Aug 2015 - Present	Doctoral thesis Joint Sound Source Segregation and Identification	KULeuven, Leuven, Belgium
	<ul style="list-style-type: none">• Promoter Hugo Van hamme• Funded by a PhD grant from the Research Foundation Flanders (FWO)	
Aug 2015 - Present	Research project Cametron A virtual and automatic director for high quality audiovisual productions	KULeuven, Leuven, Belgium
	<ul style="list-style-type: none">• Responsible for audio part	
Aug 2015 - Dec 2016	Research project AMiCA Automatic Monitoring for Cyberspace Applications	KULeuven, Leuven, Belgium
	<ul style="list-style-type: none">• Detection of hate speech	
Sep 2014 - Jun 2015	Master thesis Audiovisual speech recognizer for dysarthric speech	KULeuven, Leuven, Belgium
	<ul style="list-style-type: none">• Promoter Hugo Van hamme	
Nov 2014	Exchange course: Athens Sound quality and reverberation in a movie theater	Universidad Politécnica de Madrid, Madrid, Spain
Feb 2014 - Jun 2014	Master project Speech processing on a DSP	KULeuven, Leuven, Belgium
	<ul style="list-style-type: none">• Compression and decompression of speech in MATLAB. Followed by conversion to C and mapping on a DSP.	
Aug 2013	Internship Verification as test engineer of chips for hearing aids	Cochlear, Mechelen, Belgium

Education

2013-2015	Master of Electrical Engineering: Multimedia and embedded applications KULeuven, Leuven, Belgium Cum laude
2010-2013	Bachelor in engineering KULeuven, Leuven, Belgium Cum laude
2004-2010	Secondary education: Science Mathematics Jan-van-Ruusbroeckcollege, Laken, Belgium Participation Flemish Math Olympics

Software Engineering Skills

- **Operating Systems**

Linux

Windows

- **Programming Languages**

C

Java

Python

- **Software**

TensorFlow - Open-source software library for Machine Intelligence

Kaldi - Toolkit for speech recognition

MATLAB - Language and interface for technical computing

Latex

Microsoft Office

Publications

- J Zegers, H Van hamme, *Improving Source Separation via Multi-Speaker Representations*, Interspeech 2017, submitted
- P Chakravarty, J Zegers, T Tuytelaars, H Van hamme, *Active speaker detection with audio-visual co-training*, ICMI 2016, 31
- J Zegers, H Van hamme, *Joint Sound Source Separation and Speaker Recognition*, Interspeech 2016, 2228-2232

Languages

- Dutch: Mother tongue
- English: Very fluent
- French: Fluent

Interests

- Hiking, swimming, football
- Chess