



## EDUCATION

### Master of Science (Technology) 12/2017

Aalto University School of Electrical Engineering  
Master's Programme in Computer, Communication and Information Sciences  
• Major: *Acoustics and Audio Technology*

### Bachelor of Science (Technology) 02/2016

Aalto University School of Electrical Engineering  
Degree Programme in Electronics and Electrical Engineering  
• Major: *Electronics* • Minor: *Computer Science*

### Finnish Matriculation Examination 05/2008

Oulu University Upper Secondary School

## EXPERIENCE

### Project Employee 12/2017 – 09/2018

Aalto University Department of Signal Processing and Acoustics  
Research and development work in the Aalto speech recognition research group:

- Building and administering a server-based, real-time automatic speech recognition system (ASR) running on a RHEL 7 virtual server, enabling flexible speech audio input streaming.
- Visiting Researcher at the Department of Computer Science at the University of Sheffield, UK, during 4.6.-6.7.2018, focusing on audio beamforming and microphone arrays for ASR.
- Advisor for a Master's Thesis on developing an augmented reality automatic speech recognition application on iOS by utilizing the Apple ARKit with our ASR server.

### Research Assistant 12/2016 – 10/2017

Aalto University Department of Signal Processing and Acoustics  
I did my Master's Thesis at the Aalto speech recognition research group, working in an Academy of Finland project on developing a conversational assistance application for the hearing impaired by utilizing automatic speech recognition.

- Developed a GUI desktop application for Finnish real-time speech recognition running on Ubuntu using Python, GTK+, GStreamer and the Kaldi automatic speech recognition toolkit.
- Designed and conducted user testing to validate the developed software application.

### DJ & Radio Host 04/2011 – present

Basso Media  
I co-host a biweekly two hour radio show *Ruff Cut* on Finland's foremost urban and electronic music radio station *Bassoradio* every other Thursday evening.

### DJ & Audio Engineer 01/2010 – present

T:mi Juri Lukkarila  
Accomplished professional DJ with well over 400 performances all around Finland. I also do audio recording, mixing and production as a freelancer. Past projects include radio commercials, voice-overs, theater productions and numerous dance shows.

- Learned to be self-imposed and to take responsibility of my work and time management.
- Has taught me excellent social, communication and organizational skills.

### Salesperson 02/2010 – 01/2013

Stockmann Herkku Helsinki  
Part-time salesperson at the Stockmann flagship grocery store.

- Customer service and inventory management in a fast-paced working environment.

## SKILLS

Windows  
MacOS  
Linux

Office  
MATLAB  
RStudio  
Visual Studio  
Adobe Illustrator  
Ableton Live  
FL Studio

Python  
C++  
C  
Max/MSP  
L<sup>A</sup>T<sub>E</sub>X

Frameworks, libraries and tools I have used (in descending order of familiarity):  
*Qt5, OpenMP, Git, OpenGL, CUDA, SFML, GTK+, NumPy, JUCE, Wwise, Boost, UE4, Unity, Docker*

## LANGUAGES

	Written	Spoken
Finnish	●●●●●	●●●●●
English	●●●●●	●●●●●
Swedish	●●●●●	●●●●●
Spanish	●●●●●	●●●●●

## TRUST POSITIONS

**Chairman** 2014 – 2015  
AQ – Aalto University Students of Acoustics

**Board member** 2006 – 2008  
Northern Finland Street Dance Association ry

## INTERESTS

Music	Cinema
Sci-Fi	PC gaming
Gym	Freeskiing