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## EDUCATION

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

**Aalto University School of Electrical Engineering**

Major: *Acoustics & Audio Technology*, Master's Programme in Computer, Communication and Information Sciences (CCIS)

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

**Aalto University School of 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:

- Development of a server-based speech recognition application using the Kaldi open-source ASR toolkit deployed with Docker running on a RHEL 7 virtual server.
- Advisor for a Master's Thesis on developing an augmented reality automatic speech recognition app on iOS by utilizing the Apple ARKit with an iPad Pro 10,5" tablet.

**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 speech recognition running on Ubuntu using Python, GTK+, GStreamer and the Kaldi speech recognition toolkit.
- Designed and conducted user testing to establish the validity of the proposed solution.

**DJ & Radio Host** 04/2011 –

**Bassoradio**

I host a bi-weekly two hour radio show *Ruff Cut* on Finland's top urban and electronic music radio station *Basso*. Our show has consistently been one of the top 10 most listened bi-weekly shows on Bassoradio for many years now.

**DJ & Audio Engineer** 01/2010 –

**T:mi Juri Lukkarila**

Successful professional DJ with 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 dance shows.

- Has taught me excellent social, communication and organizational skills

**Salesperson** 02/2010 – 01/2013

**Stockmann Herkku Helsinki**

Night and weekend salesperson at the Stockmann flagship grocery store.

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

## SKILLS

Windows ●●●●●●  
MacOS ●●●●●●  
Linux (Ubuntu, RHEL) ●●●●●●

Office ●●●●●●  
MATLAB ●●●●●●  
RStudio ●●●●●●  
Visual Studio ●●●●●●  
Adobe Illustrator ●●●●●●

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

Frameworks and tools I have used (in descending order of familiarity):  
*Qt5, OpenMP, Git, OpenGL, CUDA, JUCE, Wwise, 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