



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:

- *Building and administering a server-based real-time speech recognition system.*
- *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.*
- *Advisor for a Master's Thesis on developing an augmented reality automatic speech recognition app on the 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 – present

Bassoradio

I host a two hour radio show *Ruff Cut* on Finland's top urban and electronic music radio station *Basso* every other Thursday evening.

DJ & Audio Engineer 01/2010 – present

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^AT_EX

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 |