

# Juri Akseli Lukkarila

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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). GPA: 3,91 / 5

### 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 running on a RHEL 7 virtual server, enabling speech audio input streaming from multiple sources.*
- *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 application on the iOS by utilizing the Apple ARKit.*

### 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 speech recognition toolkit.*
- *Designed and conducted user testing to validate the developed software application.*

### DJ & Radio Host

04/2011 — present

#### Bassoradio

I co-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

Djaying professionally 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 countless 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 and tools I have used (in descending order of familiarity):

*Qt5, OpenMP, Git, OpenGL, CUDA, JUCE, GTK+, Boost, Wwise, UE4, Unity, Docker*

## LANGUAGES

Finnish

Written



Spoken



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