



Juri Akseli Lukkarila

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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^AT_EX

Frameworks, libraries and tools I have used (in descending order of familiarity):

Qt5, OpenMP, Git, OpenGL, CUDA, SFML, GTK+, NumPy, JUICE, Wwise, Boost, UE4, Docker, Unity

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



Sci-Fi



Gym



Cinema



PC gaming



Freestyle skiing