

# Juri Akseli Lukkarila

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esgrove.fi djesgrove



# **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 for ASR.
- Advisor for a Master's Thesis on developing an augmented reality automatic speech recognition application on iOS by utilizing the Apple ARKit together 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.

#### DI & 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**

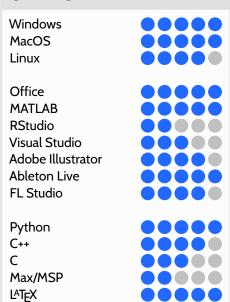
02/2010 - 01/2013

#### Stockmann Herkku Helsinki

Part-time salesperson at the Stockmann flagship grocery store.

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

# **SKILLS**



Frameworks and tools I have used (in descending order of familiarity): Qt5, OpenMP, Git, OpenGL, CUDA, JUCE, SFML, GTK+, 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 - 2008Northern Finland Street Dance Association ry

### INTERESTS



Music



Cinema







PC gaming



Gym

Freeskiing