




Simon Zimmermann

Curriculum Vitae

PERSONAL DETAILS

Birth June 5, 1993
Address Kopernikusstraße 71, 40225 Düsseldorf
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EDUCATION

MSc. Media Computer Science

2018-2020

University Of Applied Sciences Düsseldorf

Thesis title: "Scalable Modelling of Room Acoustic Characteristics for AR-devices on the Basis of Visual Information Using Deep Learning" - honors degree

BEng. Media Technology

2012-2017

University Of Applied Sciences Düsseldorf

Thesis title: "A concept for implementing room acoustic material properties in the context of a 3D audio engine"

WORK EXPERIENCE

C++ Software Engineer

2020-present

Dear Reality GmbH, Full-time

Full stack development of multiple realtime audio applications. Process follows the guidelines of the test driven development philosophy, modern C++ and scrum.

Researcher / QA Engineer (working student)**2017-2020***Dear Reality GmbH, Part-time*

Research and development of audio-DSP related prototypes, quality assurance and test automation development.

Room-Acoustics Engineer (working student)**2016-2017***ISRW-Klapdor Part-time*

Room acoustic simulation and measurement.

SKILLS

<i>Languages</i>	German (mother tongue) English (fluent)
<i>Technology</i>	C++14, CMake, Python, git, docker, POSIX, vim, L ^A T _E X
<i>Frameworks</i>	googletest, JUCE, flask, tensorflow, keras
<i>Other</i>	electronic music production