




Simon Zimmermann

Curriculum Vitae

PERSONAL DETAILS

Birth June 5, 1993
Location Düsseldorf, Germany
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Github  github.com/SimonZimmer

EDUCATION

MSc. Media Informatics 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 Engineering 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>Technologies</i>	C++14 CMake Python git docker POSIX vim L ^A T _E X
<i>Frameworks</i>	googletest google-benchmark JUICE Jenkins pybind11 flask numpy matplotlib keras/tensorflow
<i>Other</i>	music production modular synthesizer esoteric programming languages