



computer engineer with a passion for electronic system level simulation



github



linkedin



Google scholar

website: [chciken.com](http://chciken.com)

#### CONTACT

52066 Aachen

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#### SKILLS

C/C++

Python

SystemC

gem5

QEMU

#### LANGUAGES

German (native)

English (proficient)

#### HOBBIES

Music

Gaming

Gym

#pragma once

// Curriculum Vitae

Niko Zurstraßen, M.Sc.

#### // Education

**M.Sc. Electrical Engineering, 2020**

RWTH Aachen University, Germany

GPA: 1.3 (with distinction)

**B.Sc. Electrical Engineering, 2017**

RWTH Aachen University, Germany

GPA: 2.3

**Abitur, 2013**

Pascal Gymnasium Münster, Germany

GPA: 1.8

#### // Work Experience

today ← 2020-07

RWTH Aachen University,

Institute for Communication Technologies and Embedded Systems

Research Assistant

At my current employment I am researching in the field of fast electronic system level simulation. Moreover, I worked on multiple industry projects with renowned companies.

2023-12 ← 2023-04

MachineWare GmbH

Consultant

At MachineWare I worked on their ultra-fast full-system simulator SIM-V.

2019-12 ← 2018-04

Synopsys Inc.

Master's Thesis, Internship, Student Assistant

At Synopsys I was involved in multiple projects including their products Platform Architect, Virtualizer Studio, and ZeBu Server.

2018-12 ← 2017-04

RWTH Aachen University


Institute for Man-Machine Interaction


Student Assistant

At this job I worked on processing and representing LIDAR data for robots using C++, OpenGL, and Robot Operating System (ROS).

#### // Awards

– RWTH Innovation Award 2023 

– HiPEAC Technology Transfer Award 2023 

– Huawei Best Technology Cooperation Award 2022 

– 2020 Best Paper Award, International Conference on Embedded Computer Systems: Architectures, Modeling and Simulation 