

Christian Mösl

SOFTWARE ENGINEER



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WORK EXPERIENCE

STARTING 08/2019

UNIVERSITY OF PURDUE

Internship, Program Language Group

- Compiler optimization

10/2018 – PRESENT

EMUNDO GMBH

Software Engineer, Infrastructure

- Modernizing infrastructure by using cloud technologies like Kubernetes and Rancher

08/2018 – PRESENT

**UNIV. PROF. CHRISTOPH KIRSCH
(UNIVERSITY OF SALZBURG)**

Software Engineer, The Selfie Project



- Conception and implementation of a Self-Grader

10/2017 – 12/2017

**UNIV. PROF. CHRISTOPH KIRSCH
(UNIVERSITY OF SALZBURG)**

Software Engineer, The Selfie Project



- Changed the architecture from 32 to 64 bit
- Replaced MIPS with RISC-V instructions set
- Creation of a Docker image

10/2014 - 05/2018

DIGITAL ELEKTRONIK GMBH

Software Engineer, Embedded Systems

- Conception and implementation of a hardware independent framework for ARM microcontrollers (in C99/C++14)
- Firmware development w.r.t. medicine norms (IEC62304)

09/2010 - 02/2014

DIGITAL ELEKTRONIK GMBH

Apprentice, Mechatronics

- Specialist training as a mechatronics engineer
- Control technology, hydraulics and pneumatics
- First C/Assembler programs for microcontrollers

EDUCATION

03/2016 - PRESENT

UNIVERSITY OF SALZBURG

Student, Computer Science

- Specialization: Computational Intelligence and Simulation, Processing of large amounts of data, Image processing
- GPA: 3,2

SKILLS

PROGRAM LANGUAGES

C99/C++14

Swift/Java

Python

TOOLS

Git/Github

VSCode

Docker

FRAMEWORKS

C++ STL

iOS SDK