

# Christian Mösl

SOFTWARE ENGINEER



[github.com/christianmoesl](https://github.com/christianmoesl)



[linkedin.com/in/christianmoesl](https://linkedin.com/in/christianmoesl)



Mayerlehen 106, 5201 Seekirchen, Austria



01.08.1993 in Salzburg



[cmoesl@cs.uni-salzburg.at](mailto:cmoesl@cs.uni-salzburg.at)



+43 664 / 24 156 24

## WORK EXPERIENCE

8/2020 – PRESENT

**CHRISTOPH KIRSCH**  
(UNIVERSITY OF SALZBURG)

### Software Engineer, The Monster Project

- Symbolic Execution Engine for RISC-V
- Implementation of a Proof of Concept

10/2018 – PRESENT

**EMUNDO GMBH**

### Software Engineer, Infrastructure

- Modernizing infrastructure by using cloud technologies like Kubernetes and Rancher

08/2018 – PRESENT

**CHRISTOPH KIRSCH**  
(UNIVERSITY OF SALZBURG)



### Software Engineer, The Selfie Project

- Conception and implementation of a Self-Grader

08/2019 – 10/2019

**TIARK ROMPF**  
(PURDUE UNIVERSITY)

### Research Internship, Program Language Group

- Multistage Programming with LMS (Lightweight Modular Staging)
- Embedding WebAssembly as DSL in Scala 
- Building a Web App for data processing using compiled SQL queries 

10/2017 – 12/2017

**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

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

## EDUCATION

03/2016 - PRESENT

**UNIVERSITY OF SALZBURG**

### Student, Computer Science

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

## CERTIFICATES

### COURSERA:

- Functional Programming in Scala