Simon Christian **Krüger**
Senior Software Engineer & Solution Architect

contact
Kistlerhofstraße 157
Munich, 81379
(Bavaria) Germany

+49 (0) 170 88 78 345
github: kayoslab
stack overflow: cr0ss

hallo [at] cr0ss.org

languages
german mother tongue
english fluent

programming
♥ Swift,
Software Architecture,
Python, Agile, Lean

education

university

2015–today	**Fachhochschule Bielefeld**	Bielefeld
	Bachelor of Science, Business Administration and Computer Science	
2011–2014	**Hochschule Trier, Trier University of Applied Science**	Trier
	Bachelor of Science, Computer Science - specialization: Secure and Mobile Systems	

school

2008–2011	**Reinhard Mohn Berufskolleg, focus Math and Computer Science**	Gütersloh
	Commercial high school, qualification for admission to a technical college	
2003–2008	**Elly-Heuss-Knapp-Schule, Städt. Realschule Gütersloh**	Gütersloh
	General Certificate of Secondary Education (GCSE)	

Work Experience

employment

2019–today	**intive GmbH**	Munich
	Solution Architect	
2017–2019	**intive_kupferwerk GmbH**	Munich
	Senior Software Engineer	
2015–today	**Kayos UG (haftungsbeschränkt)**	Gütersloh
	Founder and Softwaredeveloper	
2013–2014	**Prosthetic Dentistry lab Kreber**	Trier
	Distribution	

internship

2011	**Trainee - Software engineering**	Gütersloh
	Medienfabrik Gütersloh GmbH, part of arvato: a Bertelsmann company	
2010-2011	**Trainee - Accounting and Controlling, Controlling / Strategy**	Delbrück- Lippling
	KaLa Autotechnik GmbH	
2010	**Trainee - IT system support**	Gütersloh
	Medienfabrik Gütersloh GmbH, part of arvato: a Bertelsmann company	

Projects

professional

2019 - 2020	**Major sports brand - Mobile development lead**	intive GmbH

Branded customer facing bluetooth product; Coordinating a global team of developers, close collaboration with lead developers in cross-company setup and changing requirements.

2019	**BMW Live Q-Feedback - Mobile development lead**	intive GmbH

Employee facing application for accessing the car rental pool, which is used to provide a feedback and incident report channel for test drivers in pre-production automobiles.

2017-2018	**Esprit Europe GmbH - Development lead**	intive GmbH

Global multi language e-commerce application; During this project I was doing architectural consulting, supporting a globally acting team and implementing a customer facing application.

2015–today	**PlugFinder - Development and Consulting**	Kayos UG (haftungsbeschräankt)

Leading data provider for the european chargng infrastructure; Responsible for migration from Objective-C to Swift, integration into the existing ecosystem and consulting the client for future development.

2015	**AdsDown Content Blocker - Development and Release**	Kayos UG (haftungsbeschränkt)

Safari Content Blocker Extension for iOS; In-House developed application marketed towards professional users.

universitary

2014	**Raspberry Pi enters a sailing regatta**	Prof. Dr.-Ing. Fritz Nikolai Rudolph

A team project following up on a previously researched expert system to autonomously steer a sailing boat through a regatta course. Logic implemented in Python, microcontroller implementation in C.

2013	**Expert System for steering a sailboat**	Prof. Dr.-Ing. Fritz Nikolai Rudolph

Feasibility study and rapid prototyping to navigate a sailboat and perform basic course controll based on wind condition and differential GPS.

Awards

2017	**Professional Scrum Master (PSM I)**	Certificate

Scrum.org

2016	**ABAP Developer**	Certificate

Fachhochschule Bielefeld

2014	**Specialist for application development of software systems**	Certificate

Hochschule Trier, Trier University of Applied Science

Commitment

2010–today	**Voluntary member in registered society Crossnight e.V.** Organisation and performance: events for alternative music and culture
2014–2016	**IT-council, person in charge** Westfälischer Golf-Club Gütersloh e.V.
2012–2014	**Student member of the faculty council** faculty of computer science, Hochschule Trier
2011–2013	**Treasurer of the student association** faculty of computer science, Hochschule Trier

Skills

Basic	**Docker, Minishift, Postfix, Dovecot, Apache2, LaTeX**
Intermediate	**Python, Java, Bash, Dependency Management Systems, Git Submodules, Agile Project Management**
Advanced	**Swift, Objective-C, Version Control (Git, SVN), Solution Architecture, Requirements Engineering, Scrum Process, Team responsibility**
Development	**Client-Server applications, API design, Type safe development, Software Architecture, Client Security**

Interests

professional	**software design, architecture, security, languages, coffee making**
personal	**bouldering, scuba-diving, sailing, hiking, literature, yoga, cooking**