

Simon Christian Krüger

Senior Software Engineer & Solution Architect

contact

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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 (haftungsbeschränkt)
Leading data provider for the european charging 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.

university

- 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 control 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**