# Simon Christian **Krüger**

Student / iOS Developer

## contact

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## languages

german mother tongue
english fluent

## programming

♥ Swift,
Objective-C, Python,
CoreData, HealthKit

## education

### school

| 1997–2001 | **Primary School** | Gütersloh |
|---|---|---|
| | Grundschule Pavenstädt | |
| 2001–2003 | **Trial degree (Erprobungsstufe)** | Gütersloh |
| | Städtisches Gymnasium Gütersloh | |
| 2003–2008 | **General Certificate of Secondary Education (GCSE)** | Gütersloh |
| | Elly-Heuss-Knapp-Schule, Städt. Realschule Gütersloh | |
| 2008–2011 | **Commercial high school, qualification for admission to a technical college** | Gütersloh |
| | Reinhard Mohn Berufskolleg, focus Math and Computer Science | |

### university

| 2011–2013 | **Bachelor of Science, Computer Science** | Trier |
|---|---|---|
| | Hochschule Trier, Trier University of Applied Science | |
| 2013–2014 | **Bachelor of Science, Computer Science - Secure and Mobile Systems** | Trier |
| | Hochschule Trier, Trier University of Applied Science | |
| 2015–today | **Bachelor of Science, Business Administration and Computer Science** | Bielefeld |
| | Fachhochschule Bielefeld | |

## experience

### internship

| 2010 | **Trainee - Development, Administration / Processing** | Gütersloh |
|---|---|---|
| | Medienfabrik Gütersloh GmbH, part of arvato: a Bertelsmann company | |
| 2010-2011 | **Trainee - Accounting and Controlling, Controlling / Strategy** | Delbrück- Lippling |
| | KaLa Autotechnik GmbH | |
| 2011 | **Trainee - Development, Administration / Processing** | Gütersloh |
| | Medienfabrik Gütersloh GmbH, part of arvato: a Bertelsmann company | |

### part time

| 2013–2014 | **Prosthetic Dentistry lab Kreber** | Trier |
|---|---|---|
| | Distribution | |

### self-employment

| 2015–today | **Kayos UG (haftungsbeschränkt)** | Gütersloh |
|---|---|---|
| | Executive Director and Softwaredeveloper | |

# awards

| 2013 | **Career service - etiquette in business** | Certificate |
| | Subject area: Dinner and Meeting | |
| 2014 | **Specialist for application development of software systems** | Certificate |
| | Hochschule Trier, Trier University of Applied Science | |

# projects

## university

| 2013 | **AI Development for steering a sailboat** | workshop |
| | Supervisor: Prof. Dr.-Ing. Fritz Nikolai Rudolph | |
| 2014 | **Raspberry Pi enters a sailing regatta** | teamproject |
| | Supervisor: Prof. Dr.-Ing. Fritz Nikolai Rudolph | |
| 2014 | **My data belongs to me... - and Facebook bought WhatsApp!** | scientific discipline |
| | Supervisor: Prof. Kay Märthesheimer & Prof. Dr.-Ing. Fritz Nikolai Rudolph | |
| 2014 | **Cisco PIX 515 Firewall administration** | internship IT-Security |
| | Supervisor: Prof. Dr. Konstantin Knorr | |
| 2014 | **Dovecot Mailserver with ClamAV and Spamassassin** | internship IT-Security |
| | Supervisor: Prof. Dr. Konstantin Knorr | |
| 2014 | **Implementing an iOS Push-Service for WordPress** | Applied Computer Science Project |
| | Supervisor: Prof. Dr. Ernst Georg Haffner | |

## self-employment

| 2014–2015 | **FSI - Fachschaft Informatik** | Objective-C |
| | Development and Release: Native iOS App with connection to an existing WordPress instance | |
| 2015 | **AdsDown Content Blocker** | Swift2 |
| | Development and Release: Safari Content Blocker Extension for iOS | |
| 2015 | **caffe:ne** | Swift2 |
| | Development and Release: Caffeine tracking Application with HealthKit | |
| 2015–today | **PlugFinder - charging station finder** | Swift3 |
| | Development and Upgrade: solely responsible for maintenance and evolution | |

# skills

| Basic | **PHP, CSS, Adobe Photoshop, Microsoft Windows (Server), Postfix, Apache2** |
| Intermediate | **Python, Java, html, LaTeX, Git, Microsoft Office, Object-Oriented Programming** |
| Advanced | **Objective-C, Swift, Network Administration, Multithreaded Applications** |
| iOS Dev | **CoreData, HealthKit, AutoLayout, Client-Server Communication, Spring-Framework** |

# **com**mitment

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

# **int**erests

**professional:** web design, software design, architecture, security, coffee making
**personal:** mountainbiking, wakeboarding, scuba-diving, sailing, literature, yoga