



Jürgen Schwietering

Software engineer

The thing is to put a motor in yourself (F.Zappa)

schwietering.com

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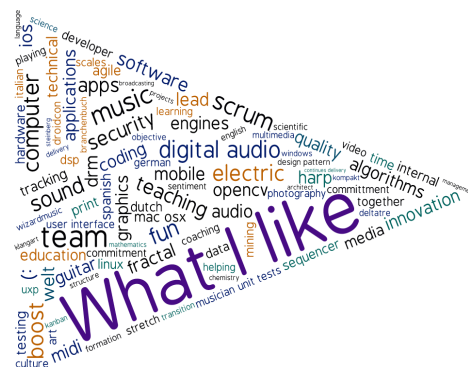
[linkedin.com/in/schwietering](https://www.linkedin.com/in/schwietering)

github.com/scjürgen

[pinterest.com/jschwietering/cv](https://www.pinterest.com/jschwietering/cv)

Profile

I develop in agile teams using C++, Boost and Objective-C. But more important than knowing these tools is the **creative** and **friendly** style I got. Solving problems and innovating products with relentless **curiosity** and listening to crazy sounding ideas. Sometimes a bit too much into the **details** but for this I enjoy working with excellent teams that live the agile spirit. I love to **coach** the young while the same time they teach me new trends. Last but not least: I admire good leaders.



Working experience

- Today **Senior Tracking Engineer**
Deltatre AG | Permanent
- Development of a visual tracking system for tracking athletes. **Keywords:** C++11, Boost, OpenCV, OpenGL, unit tests, scrum. Versioning system TSF. Achievements so far: solving an 18 month old problem that was getting critical; based on an inconsistency of data reports for the client contradicting data from a concurrence company.
- September 2014 **Technical Lead Architect**
Axel Springer Ideas | Permanent
- Team lead. Development of Mobile applications
Keywords: Objective-C, iOS, OSX, continues delivery, unit tests. Versioning system git. Achievements were **representing** the company in several occasions as a speaker on Droidcom and revitalizing a dysfunctional team. Successfully driving the new video feature of the 1414 app and forming the Welt-kompakt app. See also reference letter.
- September 2013 **Senior iOS developer**
Tunedin GmbH | Permanent
- A new challenge awaited me in this small start-up in Berlins famous scene. Achievements: creation of an iOS gui library to create interactive interfaces on the fly online. Audio driven video effects for Video Fingerprinting.
- April 2013

Personalia

Name	Jürgen Schwietering
Residence	12247 Berlin
Mobile	0179 373 22 74
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Born	April 6 th 1964

Outbound activities

Call them hobby, call them work, it is about fun...

Computing

I love participating at hackathons i.e. mediahackdays (assigned award) and musichackday. I might surprise myself in trying new ways of doing stuff. Examples are [mutation testing](#) for iOS.

Music

Making music with friends and my **electric** harp and guitar.

Developing musical instruments and carving them on a CNC at home, added to this some tinkering with micro electronics. Currently boiling some ideas about human driven sequencers and 3D-[printable](#) instruments.

March 2013 **Senior Software Developer**
Deltatre SPA | Permanent

Development of a video based systems for sports.

Keywords: C++, Objective-C, C#, unit tests, scrum, pair programming, peer review, TSF. Major clients IAAF, UEFA, Olympics, BBC, CTV, FTV, ESPN. **Achievements:**

Implementing company wide innovation (see reference letter), advanced cutting video player for mobile production. Official broadcaster apps with huge success for Olympics 2012 London. Video measurement system for Epson.

January 2006

The years before **Software Developer**
Various Freelance activities

During university in 1989 I developed for *Steinberg* at *Houper* **digital audio** which had some products as a result and I am proud on *Avalon* and *Timebandit*. In this first experience I optimized digital IIR-filters and wrote a fractal synthesis editor for *Avalon* (see [pinterest](#) CV) which was also the base of my thesis and developed granular resynthesis timestretch algorithm presented at the DAGA.

Moving to Italy I worked as a freelancer for various small companies and playing guitar in a show band. In 1996 I joined an instrument producer company and in the next 5 years we developed various products (see [pinterest](#)) for midi sequencing, voice vocoders. For language learning I created for *Auralog* in France special voice based time-stretch algorithms.

After these experiences I worked in different realities that cover Security printing, anti-theft, data mining and web related activities. For further information refer to my website and [pinterest](#).

I changed in 2006 to being employed because the possibility for career in Italy was limited as a free lancer.

Education

'81 – '84 **Kopernikus Gymnasium**
Scientific Highschool

'86 – '93 **University of Bremen**
degree as Diplom Informatiker 2,3.

Languages

English	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ □
German	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Italian	■ ■ ■ ■ ■ ■ ■ ■ ■ □
Dutch	■ ■ ■ ■ ■ ■ □ □ □ □
Spanish	■ ■ ■ ■ ■ □ □ □ □ □
Various ;)	■ ■ □ □ □ □ □ □ □ □

Miscellaneous

Pick what you need or ask me for more...

Member of Gesellschaft für Informatik, AMC

Subscribed to Schwarzweiss, New Scientist, Science, Guitar & Bass, Guitar Player

Willing to **travel**

Engaged

Driver license for cars

Music is life

Happy nature

Money isn't all

Photography is cool

References

Dr. Chaehan So
COO @ Axel Springer Ideas
on request

Giampiero Rinaudo
CEO @ Deltatre SPA
on request