



## Kevin Henzer

**Sex :** Male  
**Nationality :** Swiss  
**Marital status :** Single  
**Age :** 24 (born 13.10.1989)  
**Address :** Ch. Champ du Faug 9  
1085 Vulliens  
VD / Switzerland  
**Contact:** <http://kevin.henzer.ch>  
kevin@henzer.ch  
079 / 714.88.37

## Objectives

- Work in a team in the field of embedded systems, more particularly in highly reliable systems, such as drones / satellites, or secure network connected devices, such as firewalls, access points, VoIP devices.
- Face complex problems, finding innovative solutions in terms of costs or performance.

## Key skills

- Complex problem analysis. Strong determination and stamina. Vast complementary self-learned knowledge in related fields. Curious and developed sense of details.
- Motivated and fast learner. Good social skills, very flexible and easygoing. Ready to work abroad.

## Education

**09.2010 – 09.2013** *HEIG-VD (Haute École d'Ingénierie et de Gestion du Canton de Vaud)*

*Bachelor of Science in Embedded Systems*

- Software engineering, real-time programming
- Architecture of processor systems, embedded programming, VHDL on CPLDs and FPGAs
- Network and wireless security, security of information systems
- Analog and digital signal processing

**09.2007 – 01.2009** *EPFL*

*Physics*

- Calculus, fundamental mathematics. Physics and chemistry, including practical manipulations in laboratory.

**09.2004 – 09.2007** *Gymnase du Bugnon Lausanne*

*Swiss Matura*

- Physics and Applied Mathematics. Chemistry as complementary option.

## Experience

**10.2010 – 09.2013** *Baleinev festival*

*Developer, webmaster, graphic designer and logistics*

Co-inventor of the project *Pimp-My-Wall*. In charge of the main bar in 2010. Supervisor of the supplying of the bars the years after. Co-webmaster and poster designer for the 2013 edition.

**01.2010 – 09.2010** *Cyberiade Sàrl*

*Trainer, developer and technician*

Adults trainer in webmastering and network administration for classes of 5 to 10 people.

PHP developer. Web server administrator. Also working at the helpdesk and doing field interventions, dealing directly with various clients' problems.

### 03.2009 – 12.2009 *Swiss army*

*Security guard in extended service. My military obligations are over.*

### 2008 – 2012 *Indepedent webmaster*

I realized more than a dozen different simple websites for privates and small businesses since 2008. Some are CMS based, some are bare PHP, depending on the client's needs.

## Skills

### Programming Languages

- C/C++
- Java
- VHDL
- ARM assembly
- PHP
- HTML / JavaScript
- SQL
- Python
- Bash

### Software

- Eclipse
- Qt Creator
- DSP Builder / Matlab / Quartus II
- Mysql
- git / svn
- Inkscape / GIMP / Blender / Libreoffice

### Tools / API / SDK

- Android SDK
- jQuery / Bootstrap
- Regular expressions
- Node.js
- Buildroot

### Other

- Cisco router administration (2 out of 4 CCNA courses validated)
- Extended Linux knowledge (kernel recompilation and optimization, cross-compilation, security)
- Web server configuration (Nginx, Apache)
- Wireless / Network (iptables configuration, session hijacking, ARP poisoning)
- Web security (SQL injections, XSS attacks)
- Project management and rapid development.

## Other

### Hobbies

- Electronic music (Dj in a club since 2008)
- Astronomy
- Badminton and sport shooting (rifle and gun)

### Languages

- **French** : Mother tongue
- **English** : B2 level (Cambridge first certificate obtained in 2007)
- **German** : Maturity B1 level