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## Experience

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10.2015 - 01.2017      **Comet AG, Flamatt, CH**

*Software Engineer*

Follow up of my temporary mission:

- BSP maintenance with ptxdist
- Web frontend prototype
- User I/Os (Buttons, lights, sensors, ...)

04.2015 - 09.2015      **Comet AG, Flamatt, CH**

*Software Engineer*

Temporary consulting mission in the embedded Linux field to develop an X-ray power generator:

- Architecture ARM (i.mx35)
- High level software architecture in team
- Technology scouting
- Benchmarks and feasibility tests
- Implementation of a server for IPC
- C/CPP library to communicate with the server
- Test Driven Development

06.2014 - 03.2015      **NetModule AG, Niedwerwangen, CH**

*Software Engineer*

Developing embedded Linux systems in various fields:

- Architectures ARM (i.mx6, zynq) and X86 (atom)
- Customer support
- BSP maintenance with Yocto

11.2010 - 05.2014      **GfK Telecontrol AG, Kriegstetten, CH**

*Software Engineer*

Developing embedded Linux systems in the field of media measurement and creation of prototypes:

- Architectures ARM, MIPS and PPC
- BSP maintenance with Yocto, Angstrom, Makefile
- Release management
- Real time communication through GSM
- Data storage on NAND/NOR flash
- Web user interface maintenance
- Network sniffing
- Audio capture

## Education

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<b>2007 – 2010</b>	<b>College of Engineering and Architecture, Fribourg, CH</b>
Diploma work	<i>Ultra fast boot Linux</i>
Certificates	<i>B.Sc. In Computer Science</i>
<b>04.2007 – 07.2007</b>	<b>Language stay, London, UK</b>
<b>2001 – 2006</b>	<b>Vocation School (EMF), Fribourg, CH</b>
Diploma work	<i>Linux Terminal Server</i>
Certificates	<i>Bilingual Certificate of Advanced Study, FR/DE (maturité)</i>
	<i>Federal Vocation Certificate in IT (CFC)</i>

## Technical skills

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- Embedded Linux
- Software Architecture
- Test Driven Development
- Yocto
- Jenkins build server
- C/C++
- Shell Scripting
- Makefile / cmake
- git / subversion
- AT commands
- Linux Kernel
- U-Boot
- TCP/IP sockets
- gSOAP
- Boost
- QT
- D-Bus
- UpnP
- libpcap
- libevent
- HTML/CSS
- javascript
- BSON/JSON
- XML/XSL
- OpenVPN
- Protocol Buffer

## Language skills

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<b>French</b>	Mother tongue
<b>English</b>	Level B2 on the European language scale
<b>German</b>	Level B1 on the European language scale

## Hobbies

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- Skateboard
- Piano
- Retro gaming
- Open source softwares