PROFILE OF NOAH HÜSSER

BASICS
Nationality: CH
Date of Birth: 12th January 1991

CONTACT
yatekii@yatekii.ch
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Eggenstrasse 3

5616 Meisterschwanden
Switzerland

ACTIVITIES
Ju Jitsu, Programming,
Electronics, Reading

SKILLS

PROFESSIONAL
Software Development
Embedded Systems
FPGA Programming
Electronical Prototyping
Project Management

LANGUAGES
German *mother tongue*
English *fluent*
French *experienced*

TOOLS

ENGINEERING
Altium/KiCad
Shell
Jupyter, Scipy, Numpy, Pandas
MATLAB
Inventor

PROGRAMMING
frequently used
Python, C,
VHDL, TCL,
JavaScript, SQL, LaTeX

used in the past
Java, C#, PHP, C++, Bash

MISCELLANEOUS
Git/SVN
Microsoft Office
Photoshop / InDesign

EDUCATION

FHNW BRUGG-WINDISCH
BsC in EE and ITFeb 2016presentBrugg-Windisch, CH **BsC in EE and IT to Feb 2016** present in **Brugg-Windisch, CH**

ETH ZÜRICH
BsC in Electrical Engineering and Information TechnologySep 2013Feb 2016Zürich, CH **BsC in Electrical Engineering and Information Technology to Sep 2013** Feb 2016 in **Zürich, CH**

ALTE KANTONSSCHULE AARAU
MaturaGraduated 2012Aarau, CH **Matura to Graduated 2012** in **Aarau, CH**

PRACTICAL EXPERIENCE

ABB MICAFIL
Intern Software Development Jul 2016presentAltstetten, CH **Intern Software Development to Jul 2016** present in **Altstetten, CH** Development of various APIs and a CAD tool in VB/C#.

BASTLI
President Feb 2016Oct 2016Zürich, CH **President to Feb 2016** Oct 2016 in **Zürich, CH**   Active Member Sep 2013presentZürich, CH **Active Member to Sep 2013** present in **Zürich, CH** Bastli is the student's electronics lab at ETH Zürich. With Bastli we realize various, cool engineering projects. Most of the things we create are assembled from parts salvaged from the Junkyard. Impressions on what we do at *www.bastli.ch*.

NEXUS TELECOM
Low Level C Programmer Mai 2014Mai 2015Zürich, CH **Low Level C Programmer to Mai 2014** Mai 2015 in **Zürich, CH** Diverse work on their main C library with focus on porting it from 32 to 64 bit.

AFC AG - AIR FLOW CONSULTING
Internship as a Programmer Dec 2012Apr 2013Zürich, CH **Internship as a Programmer to Dec 2012** Apr 2013 in **Zürich, CH** Creation of various tools in Python, C# and VB, working as a one man team.

WAPPLE.CH
Webdesigner and Co-Founder Jan 2007presentZürich, CH **Webdesigner and Co-Founder to Jan 2007** present in **Zürich, CH** Webdesign for individuals, associations and companies in cooperation with a friend.

PUBLICATIONS AND PROJECTS

DESIGN AND IMPLEMENTATION OF AN FPGA BASED DATA LOGGING AND FAULT RECORDING SYSTEM FOR PWM RECTIFIERS
Group Thesis at ETH Zürich Sep 2015Dec 2015Zürich, CH **Group Thesis at ETH Zürich to Sep 2015** Dec 2015 in **Zürich, CH**
- Recursive trigger logic to detect special signal patterns (VHDL)
- Kernel module for data reading and processing on an ARM Core A9 (C)
- GUI to retrieve data over the network, filter and display it (C++, Python, Qt5)