

Lukas Humbel

Personal Information

Address Hubelweg 7, 5037 Muhen
Mobile 077 407 6226
Hometown Boniswil AG
Date of birth 12.10.1987

Education

2.2011–5.2013 **Computer Science Master**, *ETH Zurich*.
Interests: Networks, Operating Systems, Algorithms. Grade: 5.59
9.2007–2.2011 **Computer Science Bachelor**, *ETH Zurich*.
Grade: 5.37
8.2002– 7.2006 **High School**, *Kantonsschule Olten*.
Natural science profile with special subject physics and applied mathematics

Experience

Work Experience

8.2011–8.2012 **Software Developer**, *Triboni*, www.triboni.com.
11.2013–8.2014 Triboni develops web-based customer specific solutions on top of an inhouse document management system. One of my tasks was to implement and explore the possibilities of server side JavaScript.
8.2010–1.2011 **Internship as Software Developer**, *Wuala*, www.wuala.com.
Wuala is secure, distributed online storage. My main task was porting the client to Android.
1.2009–8.2010 **Software Developer**, *UMS UntermietSERVICE*, www.ums.ch.
UMS is a portal for finding and offering subleased flats. Full implementation, including planning, development and maintenance. Technologies: Python, Django, HTML, JavaScript

Hubelweg 7 – 5037 Muhen

📞 077 407 62 26 • ✉ lukas.humbel@gmail.com • *MSc in Computer Science*

Academic Projects

- 5.2013 **Multicore Virtualization over a Multikernel**, *Master Thesis*, www.barrelfish.org.
Extending Barrelfish's virtual machine to support multiple cores and investigate its performance
- 9.2012 **Using virtualization for PCI device drivers**, *Distributed Systems Laboratory*, www.barrelfish.org.
Pass-through of real PCI devices into the virtual machine.

Languages

German **Mother tongue**
English **Fluent**

Skills

Jedi Master C, Java, Python, Linux

Profound Knowledge Haskell, C++, C#, Eiffel, X86

Web HTML, CSS, JavaScript (jQuery, Angular), XSLT, MySQL, Python (Django), Perl (Catalyst), PHP

User Knowledge Vim, Bash, GNU Toolchain, Git, Eclipse, Visual Studio, \LaTeX , Office applications, Photoshop, InDesign, Gimp

Other X86 Assembly, AVR Assembly, Microsoft XNA, SDL, OpenGL

Travel

8.2014 – 9.2015 Bicycle tour through Spain, France, Switzerland, Argentina, Chile, Bolivia, Paraguay and Brasil

Hobbies

Science Fiction Mainly books

Sport Mountain biking, Cycling, Hiking, Skiing

Rock music Concerts, Open-Airs

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