

# Resumé

of **Yoan Blanc (1984)**

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## Employments

- 2015 – pres. **Teacher, HE-ARC, Neuchâtel**  
Python 3 course from nothing to PyPI. TA in the web applications course (given by David Grunenwald). Laravel, Ruby on Rails development. Project follow-up and platform setup. XML course lectures for MAS-RAD.
- 2015 – 2016. **Teacher, CPLN, Neuchâtel**  
Various activities in their workshop time like building a learning application for coding in C#. Adaption of the NAND to Tetris course for their skills.
- 2014 **Intern, Digital Library Services, CERN, Geneva**  
Master thesis for the EPFL. My work consisted of a User-Centered Design research to experiment how a better personalization homepage would be. Most of my work was done on the Invenio software.
- 2009 – pres. **Freelance developer, doSimple**  
Various exotic works for some more or less famous companies : BlueSpirit, RTS, QoQa Services, Tind Technologies, etc.
- 2009 **Web developer, eboutic.ch, Lausanne**  
Migration of their code base to Ruby on Rails 2 and HTML 5. Integration of EmailVision in their workflow
- 2008 – 2009 **JavaScript developer, Opera Software, Oslo (NO)**  
Building and maintaining Opera widgets.
- 2007 – 2008 **Front-end developer, Yahoo! Europe, Paris (F)**  
Building web pages for the biggest European sport website. Perl and PHP.
- 2006 – 2007 **Web developer, Électron Libre, Lausanne**  
Internal projects and consulting.

## Education

- 2011 – 2014 **M.S.C.S, EPF, Lausanne**  
TA in the Software Engineering course (Prof. Candea) and Master thesis with Prof. Martin.
- 2002 – 2006 **Ingénieur HES, software engineering, HE-ARC, Le Locle**  
Neurosurgery simulation software written in Python and VTK.
- 1998 – 2002 **CFC Médiaticien, CIFOM-ET, Le Locle**

## Extra activities

- 2010 – pres. **Ski instructor J+S**  
Many ski camps with teenagers where I get the chance to introduce them to the joy of the snow.
- 2010 – 2013 **Armailli, le Gros Jable, l'Étivaz**  
Three summers milking cows and helping make the best Gruyères-like cheese you can taste.

## Languages

- French, mother tongue;
- English, fluent;
- German, basic knowledge.

## Areas of expertise

- Rich web applications (HTML, CSS, JavaScript (ES2017), React)
- Web development (Apache, Nginx, PHP, Python, Ruby, DevOps)
- Docker, Continuous integration (Travis, Jenkins, CC), TDD
- Relational databases (Oracle, MySQL, PostgreSQL)
- E-commerce

## Other skills

- Java (Android), C# (.NET, Mono), C, Make, Bourne shell and Go
- User Centered Design and some Interaction Design
- Agile / Lean methodologies
- GitHub profile: <https://github.com/greut/>