Alain M. Lafon

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Experience

2011–present   **Software Engineer**, *Panter llc*, Zürich.
Cutting edge web development.

- Built an internal controlling application in Rails 3.0
- Worked on a team creating a new social platform for music enthusiasts in Rails 3.1
  `http://bandplanet.com`

2008–2011   **Software Engineer**, *Document Solutions AG*, Zürich.
Breaking through the analog-digital barrier.

- Designed and built OCR for recognizing metadata of half a million invoices per year.
- Helped design and build custom invoice workflows for five big corporations and two cantons.
- Designed and built the new product "Gerichtsurkunden"for Swiss Post. It processes every document sent by courts in Switzerland. Also did technical lead.
- Designed and built web application for statistical data analysis of 100'000 invoices per year.
- Created a data transfer client for Allianz to transfer eight kilometers of scanned documents.
- Technical project lead
  - Designed and implemented regression and system test automation. Also trained staff to use them.
  - Optimized project management structures.
    - Evaluated and customized project management software (Trac).
    - Organized and held internal training seminars (TDD, SOA, VIM).
  - Responsible for Kofax Suite (Capture, Transformation Module).
  - Responsible for Opentext DokuStar Professional.

Teaching experience

2011–present   **Lecturer**, *Hochschule für Technik*, Zürich.
- Lecture 'Introduction to programming in C' for semester 1
- Lecture 'Introduction to programming in C' for semester 7

2007–2008   **Campus Ambassador**, *Sun Microsystems GmbH*, Stuttgart.
Bringing Sun Open Source technologies (Java, Opensolaris, Netbeans, OpenSPARC) to universities.

- Prepared and performed tech demos at Stuttgarts' universities.
  - Java SE6, Java EE5, Java FX
  - Solaris 10, Opensolaris, in particular ZFS and Zones
- Supported Sun events (i.e. Sun tech days).
- Marketed Sun OSS tech to decision makers at universities.

Computer skills

Unix	Daily use of Linux, OS X, (Solaris)	Database	MySQL, MSSQL, Sqlite, (NoSQL)
Writing	German, US, GB layouts with 450 characters per minute	VIM	Unpaid evangelist

Interests

Open Source	Free Software Foundation member	Sports	Running, Tai'Chi
GTD	Getting things done	Reading	Classics, novels, tech (news)
Zen	Daily meditation	Kaizen	Continuous improvement

Languages

Ruby on Rails	**Good**, *professional use since 2011.*
Python	**Good**, *daily professional and personal use for two years.*
C	**Good**, *started programming with it 12 years ago.*
HTML5/CSS	**Good**, *regularly as needed.*
JS/jQuery	**Good**, *regularly as needed.*
Shell	**Good**, *daily use of Unices, writing scripts as needed.*
LaTeX	**Good**, *used when appropirate.*
Clojure	**Beginner**, *LISP of choice, learning it for private projects..*
C#	**Needs refreshing**, *when .NET is needed.*
Java	**Needs refreshing**, *all courses in HfT. Also while working for Sun.*
German	**Native tongue**.
English	**Fluent**, *needed on a daily basis in different media.*
French	**Basic knowledge**, *five years in school.*

Bachelor thesis

title	*Lieferscheine für Gerichtsurkunden*
ISBN	978-3639282436
Grade	1.0

Education

1993–2002	**Abitur**, *Klettgau Gymnasium*, Tiengen. Advanced Studies: German, English
2002–2003	**Geriatric care**, *Kreisalten- und Pflegeheim*, Jestetten. Alternative service
2003–2006	**University**, *Stuttgart*. Computer Science (Dipl. Inf.), 1 semester Linguistics, 1 semester Technical Biology
2006–today	**University of Applied Sciences (HfT)**, *Stuttgart*. Computer Science (B.Sc.)